

# Schriever

## AIR FORCE BASE



## 2006 Base Guide

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# SCHRIEVER

## AIR FORCE BASE

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*COVER: Jane Maximov*

*PHOTOGRAPHIC CONTRIBUTORS: Alex Groves, Kimberly Krus-Johnson, Staff Sgt. Phyllis Duff, Staff Sgt. Donald Branum, Airman 1st Class Jason Ridder and Air Force courtesy photographs.*

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# WELCOME TO SCHRIEVER AIR FORCE BASE, COLORADO

The daily mission at the 50th Space Wing takes us to all parts of the world and deep into space. The wing operates satellite operations centers at Schriever AFB and Onizuka Air Force Station (AFS), Calif., as well as remote tracking stations around the world.

Colorado Springs, the second largest city in Colorado, boasts long and proud traditions with the military bases that are established here. They are: U.S. Air Force Academy, Fort Carson Army Post, Peterson AFB, Cheyenne Mountain AFS and Schriever AFB.

The information in this base guide will help make your stay or visit a pleasant one. Everyone here is ready to answer your questions and eager to help you in any way possible. We are happy you have joined us.

## Reporting In

To receive your initial in-processing brief, call the Military Personnel Flight at (719) 567-6207/3998 or DSN: 560-6207/3998.

## Pass and Registration

Everyone being assigned to Schriever AFB will need to report to Pass and Registration, Bldg. 15, located off base, just northwest of Enoch Gate. You will need a copy of your orders,



Vehicles enter the base through the Enoch Road gate.

## 50<sup>th</sup> SPACE WING MISSION

*"Provide space combat capability through command, control, operations and support of more than 170 communication, navigation, warning, surveillance and weather satellite weapon systems and conduct of expeditionary operations.*

*Operate major satellite operations centers at Schriever Air Force Base, Colo., and Onizuka Air Force Station, Calif., as well as eleven remote ground facilities around the world."*

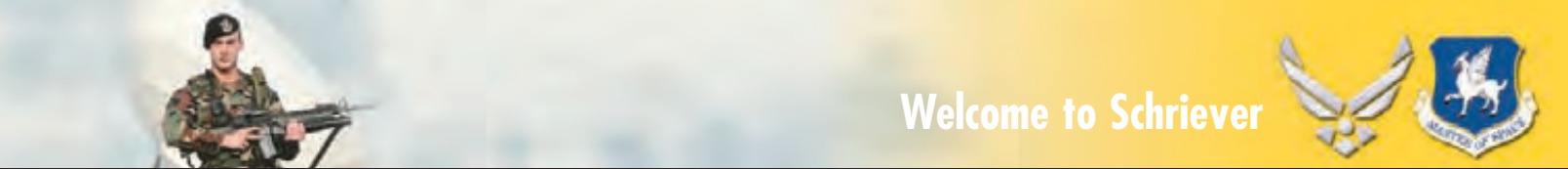
driver's license, auto insurance and registration. A Colorado emissions test is required before you are issued a permanent pass. Tests are done at most service stations (to include the AAFES service station on Peterson AFB) and oil-change centers. Temporary passes are issued in some cases.

## Billeting

No accommodations are available on Schriever AFB for visiting or permanently assigned personnel. Peterson AFB, located approximately 10 miles west of Schriever AFB, provides support to Schriever AFB for billeting. To make reservations, call (719) 556-6293 or DSN: 834-6293.



Now-Staff Sgt. Richard Duhaime, 310th Security Forces Squadron, checks ID cards at the Enoch Road gate.



### Housing

The housing referral office is located in Bldg. 850 at 710 Loring Avenue at Peterson AFB. Hours are from 7 a.m. to 4 p.m. Monday through Friday.

The wait for quarters typically varies up to six months depending on the grade of the applicant and number of family members. Applications can be submitted in advance for on-base quarters at either Peterson AFB or the Air Force Academy through the Peterson AFB Family Housing Management Office. For more information, call (719) 556-4364/7946 or DSN: 834-4777/7946.

### Incoming Personal Property

If you are expecting a personal property shipment to arrive in the Colorado Springs area, call the inbound branch of the Joint Personal Property Shipping Office at (719) 554-9298 or DSN: 692-9298. Making immediate contact with them can help check property more quickly and may alleviate the need for storage.

### Firearms

50th Space Wing Security Forces does not courtesy-store privately owned firearms. Special arrangements to bring privately owned weapons on base for special situations can

be made on a case-by-case basis. For more information, call Security Forces at 567-5628.

### Speed Limit

Unless otherwise posted, the maximum speed limit at Schriever AFB is 25 miles per hour. Pedestrians have the right of way in all cases. All base traffic regulations are strictly enforced.

### Photography

Photography is not permitted on Schriever AFB without prior coordination. All requests to take photographs on base must be submitted to and approved by the 50th Space Wing Public Affairs office, DeKok Building, 210, room 316. For more information, call (719) 567-5040 or DSN: 560-5040.

### Police Assistance

For non-emergency police assistance on Schriever AFB contact 567-5643, 567-5642 or 567-5641. For emergency assistance on Schriever AFB dial 911 from any base phone.

Note: If you dial 911 from your cell phone you will be transferred to the nearest off base 911 center.

### Safe Highway Program

While the Safe Highway program is designed as an avenue for the base populace to report unsafe driving acts, Security Forces has no jurisdictional control or enforcement authority over acts committed off the installation. Security Forces recommends that if you see an unsafe driving act or condition off Schriever AFB contact Colorado State Patrol free of charge from any cell phone at \*CSP (277).



*A car illegally passes a truck going west on Highway 94. Even if you drive safely, others around you might not. Drive defensively and obey traffic laws.*





## MASTER OF SPACE

### General Bernard A. Schriever

*A technological visionary...*

*A pioneer in the research and development of new ballistic missile and space programs...*

*A dynamic, innovative leader and valued advisor...*

*A living legend...*

The architect of the Air Force's ballistic missile and military space program, Bernard Adolph Schriever was born in Bremen, Germany, in 1910 and migrated to the United States with his parents in 1917. His family settled in the German-American community of New

Braunfels, Texas. He became a naturalized citizen in 1923, attended grade and high school in San Antonio, Texas, and graduated from Texas A&M University in 1931 with a bachelor of science degree. He was commissioned in field artillery, but in July 1932, began flight training at Randolph Field and earned his pilot wings and commission in the Air Corps in June 1933, at Kelly Field. He was then assigned as a bomber pilot at March and Hamilton Fields, Calif.

In 1934, Schriever flew Army Air Corps airmail missions during the bitter cold of winter. Many of his comrades crashed to their deaths piloting the antiquated and poorly equipped planes. This experience underscored for him the consequences of technological inferiority and demonstrated the need to modernize and build up air power if the United States hoped to compete with other air forces internationally.

During the Great Depression, Schriever learned leadership while commanding a Civilian Conservation Corps unit in New Mexico providing shelter, sustenance and guidance to unemployed young men.

In September 1937, he went to Panama for duty at Albrook Field and left the Air Corps to fly as a pilot with Northwest Airlines. He returned to duty in October 1938 with the 7th Bomb Group at Hamilton, Calif. and a year later became a test pilot at Wright Field, where he also attended the Air Corps Engineering School, graduating in July 1941. He then earned a master's degree in aeronautical engineering from Stanford University.

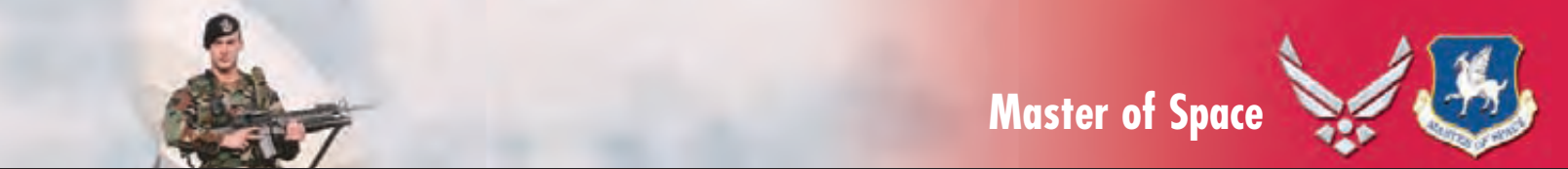
Just as the United States entered World War II he earned his commission in the Army. In July 1942, Schriever served in the Southwest Pacific with the 19th Bomb Group (5th Air Force) for combat.



Maj. Gen. Bernard Schriever, circa 1957.



Retired Gen. Bernard Schriever visits Falcon Air Force Base in August 2002 for the base's renaming ceremony. The base was renamed in honor of General Schriever.



As a B-17, B-25 and C-47 pilot, he flew 38 combat missions, participating in the Bismarck Archipelago, Leyte, Luzon, Papua, North Solomon, South Philippine and Ryukyu campaigns.

His superiors quickly recognized Schriever's technical skills and steadily promoted him in rank from captain to colonel, and in position from Chief of Maintenance and Engineering to Chief of Staff, 5th Air Force Service Command in January 1943. By September 1944, he commanded the Advanced Headquarters, Far East Air Service Command, which supported theater operations from bases in Holland, New Guinea, Philippines and Japan.

In January 1946, Schriever was assigned to the Pentagon to head the Scientific Liaison Office, under the Deputy Chief of Staff for Materiel. Although young in years, Schriever had drawn the attention of senior officers, especially the commander, General Henry H. "Hap" Arnold. Recognizing his protégé's rare combination of leadership attributes, engineering training and combat experience, Arnold entrusted Schriever with the delicate job of maintaining close ties forged during the war between the Air Force and leading scientists.

Schriever's office introduced development planning objectives (DPO), an invaluable series of planning documents that matched long-range military requirements with ongoing research and development efforts. DPOs were prepared for all



*Lt. Bernard Schriever, circa 1932.*



*Major General Bernard Schriever, first commander of the Western Development Division is seen here on the April 1, 1957 Time magazine cover. A story was written about his development of ballistic missiles.*

major elements of air power — strategic and tactical warfare, air defense, intelligence and reconnaissance.

Schriever's foremost contributions to the nation came between August 1954 and April 1959, when he was commander of the Air Force Western Development Division. In this capacity, he directed the nation's highest priority program — the development of intercontinental ballistic missiles (ICBMs) — and also the Air Force's initial space programs.

Schriever's challenge was formidable. He had to create an organization to manage extremely varied and novel science and technology. Additionally, he had to build facilities for testing and production, integrate the missiles systems, fit together the nuclear weapons they would carry, provide the launching sites and equipment, and the ground support elements necessary to bring the missiles to operational status.

Moreover, he had to accomplish all this before the Soviet Union could build, deploy and target their missiles against the United States. It was a deadly, real-life contest of "beat the clock." Thanks in large-part to Schriever's brilliant leadership, the United States deployed its first generation ICBMs — Atlas and Titan — and the intermediate range Thor.





## Master of Space



Quickly, these were succeeded by the more advanced Titan II and the revolutionary, solid-fueled Minuteman ICBMs. Only the incredible efforts of General Schriever enabled the United States to catch up and then surpass the Soviet Union in the missile race. Even today, almost 50 years after they were first deployed, advanced models of the Minuteman still provide the backbone that safeguards our nation.

In April 1959, General Schriever was named commander of the Air Research and Development Command (ARDC), in which he was entrusted with developing and maintaining the U.S. Air Force's global qualitative weapons edge. He managed more than 6,400 research and development contracts that engaged some 1,500 major companies.

In April 1961, Air Force Systems Command (AFSC) was established, incorporating ARDC and some elements of Air Materiel Command. General Schriever was named to head AFSC and was promoted to four-star general. Here, he conceived and affected the consolidation of Air Force technical and acquisition efforts into a single organization. More significantly, he transformed the concept of materiel development and acquisition from a functional to a systems approach — the focal point for virtually all the new weapons.



*Now retired Gen. Lance Lord, former Air Force Space Command commander, presents retired Gen. Bernard Schriever with a new Space Badge in May 2005 in Washington, D.C.*

General Schriever's role in this transformation was pivotal with respect to his insistence on technologically superior performance standards, adherence to pre-established production schedules and reliance on cost-control measures.

As AFSC commander, he fostered research and oversaw the acquisition of systems that provided strategic deterrence; early detection, warning and air defense; advanced aircraft and spacecraft designs; command, control and communication systems; and aerospace medicine.

In 1963, he oversaw an organization that employed some 27,000 military and 37,000 civilians, with an annual budget of more than \$7 billion (about 40 percent of the U.S. Air Force's total), while managing 80 major weapons systems. General Schriever defined and institutionalized the acquisition process by demonstrating the interrelationship between technology, strategy, organization and politics.

As General Schriever grappled with the research, development and acquisition responsibilities of the long-range ballistic missiles, he foresaw the potential of space and strove to secure for the Air Force the responsibility for space systems. General Schriever played a key role in developing the requirements for intelligence and reconnaissance satellites and military-manned space flight.

In 1963, General Schriever directed Project Forecast — one of the most comprehensive long-range assessments of the nation's position in military science and technology through technological possibilities, policy and military considerations and threat analysis. Participants included 40 government agencies, 26 colleges and universities, 70 corporations and 10 non-profit organizations. Published in 16 volumes, this monumental report concluded that rather than leveling off, technology was only beginning its exponential growth.

Project Forecast identified several promising areas of exploration that would lead to quantum improvements in air and space weapons; notably in the fields of advanced composite materials, computers, flight design, propulsion and space satellites.

In September 1966, after completing 33 years of service to his country, General Schriever retired from the United States Air Force. Following his retirement, General Schriever served in many advisory roles for the U.S. government and worked tirelessly to advance research in some of the nation's leading corporations. The most notable of his endeavors include his service as chairman of the President's Advisory Council on Management Improvement, the President's Foreign Intelligence Advisory Board, the Defense Science Board and the Ballistic Missile Defense Organization Advisory Committee.

June 20, 2005, General Schriever died from natural causes at the age of 94 at his home in Washington, D.C.



# ORGANIZATIONS

## 50TH SPACE WING

### Host unit at Schriever AFB

The 50th SW is proudly called the “Master of Space.” This motto comes from the “Master of the Sky” heritage of the 50th Tactical Fighter Wing at Hahn Air Base, Germany (inactivated in 1991).

The 50th SW traces its official heritage to the 50th Fighter Wing activated in 1949. The roots of the wing go back to the 50th Fighter Group, who during World War II conducted combat operations in Europe. Fifty years after the war, the wing would be assigned at Schriever AFB. The 50th SW, however, wasn’t the first wing at Schriever AFB.

After searching for the best location, defense officials approved plans in September 1979 for the development of a military installation to house a new Combined Space Operations Center. Construction began May 17, 1983, on what was originally known as Falcon Air Force Station. The base’s first host unit, the 2nd SW, activated July 8, 1985. With construction continuing on Falcon AFS, the first 2nd SW members moved onto the new base after a dedication ceremony in September

1985. Due to an increased mission and new Air Force policy, Falcon AFS became Falcon Air Force Base, June 13, 1988.

The year 1992 brought more change at Falcon AFB. Military force reductions in Europe and around the world led to the inactivation of the 50th Tactical Fighter Wing at Hahn Air Base, Germany, Sept. 30, 1991. In an effort to preserve the heritage of the Air Force’s most distinguished units, Headquarters, United States Air Force redesignated the 50th Tactical Fighter Wing to the 50th Space Wing and assigned it to Air Force Space Command (AFSPC) for activation. AFSPC activated the 50th SW at Falcon AFB Jan. 30, 1992.

Concurrent with the activation of the 50th SW, the command inactivated the 2nd SW. The 50th SW absorbed the personnel, equipment, facilities and functions of the inactivated 2nd SW and continued to provide operational control and support for several satellite systems.

In 1998, the Air Force renamed Falcon AFB in honor of General Bernard A. Schriever, the man known as the “Father of the Air Force Space and Missile Program.” On

June 5, 1998, the wing held a renaming ceremony to honor General Schriever, making Schriever AFB the only Air Force base named after a living person at that time.

The wing operates remote tracking stations, satellite operations centers and other command and control facilities around the world.



Contractors prepare a new Air Force Satellite Control Network antenna here for a smooth radome covering process. Right: The completed radome was built near the original “golf ball.”







## Organizations

These facilities monitor satellites during launch, put the satellites in their proper orbits following launch, monitor and control the satellites while they are in orbit, fix satellite anomalies when they occur, and dispose of satellites when they reach the end of their useful life.

The wing operates several satellite systems including the Defense Support Program, the Global Positioning System, the Defense Satellite Communications System and Milstar.

The wing is composed of three groups: 50th Operations Group, 50th Network Operations Group and 50th Mission Support Group.

The wing, including its worldwide locations, has approximately 3,600 active-duty military, civilian and contractor personnel.

### 50th Space Wing Staff Agencies

#### *Antiterrorism*

The 50th Space Wing Antiterrorism office (AT) is located in the DeKok Building, 210, room 313. The AT office seeks to blunt terrorist operations against Department of Defense affiliated personnel, their families, facilities and assets under the control of the 50th Space Wing. The office accomplishes this by working with key installation agencies to collect and disseminate timely threat information, training wing personnel, developing comprehensive plans to deter and counter terrorist incidents and implementing AT measures to mitigate threats. For more information, call (719) 567-6991/5618 or DSN: 560-6991/5618.

#### *Chaplain*

The 50th Space Wing Chaplain office (HC) is located in Bldg. 300, room 149. There is a religious education room in 146 and the meditation room is 104, both in Bldg. 300. To reach the office, call (719) 567-3705 or DSN: 560-3705. After normal duty hours the chaplain can be reached by calling the Wing Command Post at (719) 567-2180 or DSN: 560-2180.

#### *Comptroller Squadron*

The 50th Comptroller Squadron (50th CPTS) customer service counter is open Mondays, Wednesdays, Thursdays and Fridays from 8 a.m. to 3 p.m. and on Tuesdays from 10 a.m. to 3 p.m. The Finance Customer Service counter will open for shift workers at 7:30 a.m. every day except Tuesdays. The Comptroller Squadron is located in the DeKok Building, 210, room 146. Customer Service handles all pay and travel related services including travel claims, military pay matters, cash collection of debts, allotments

(start and stop) and much more. For additional information call (719) 567-2010 or DSN: 560-2010.

#### *Drug Demand Reduction Program*

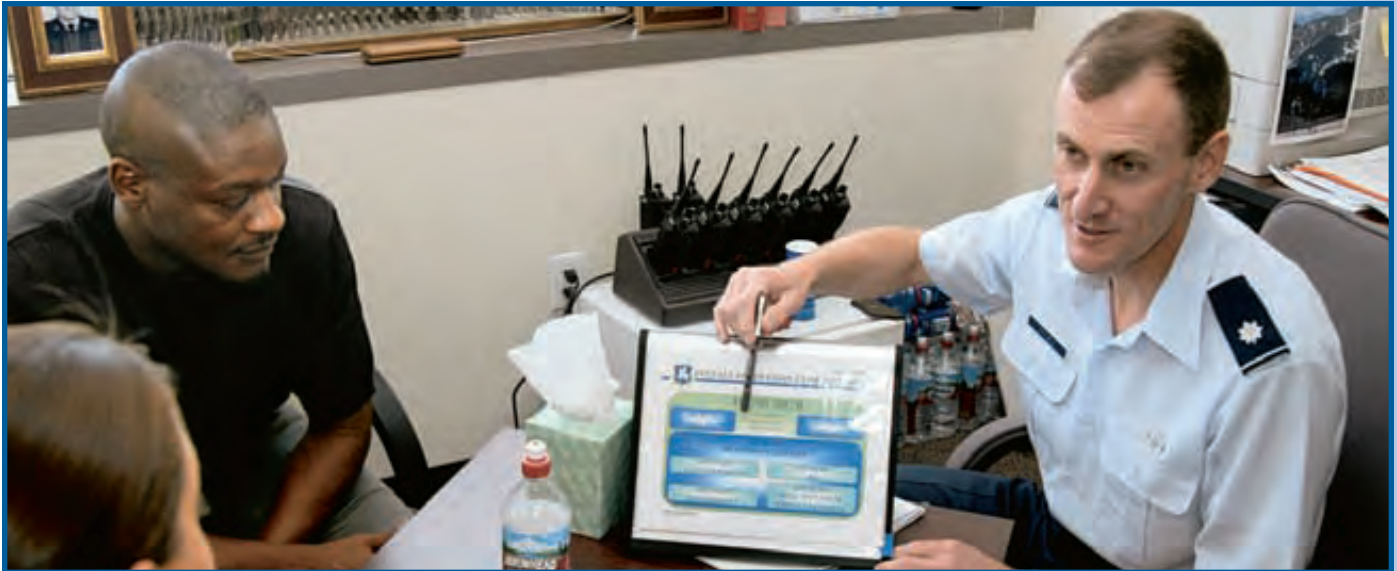
The 50th Space Wing Drug Testing office (CVD) is located in Bldg. 500, room 156. Our office hours are from 6:30 a.m. to 3:30 p.m., Mondays through Fridays. We conduct drug-testing for military personnel and civilians who are on testing designated positions. The Drug Demand Reduction Program (DDRP) is also responsible for administering, coordinating, monitoring, implementing and executing the military and civilian drug-testing program in accordance with Air Force Instruction 44-120, "Drug Abuse Testing Program" and the Air Force Civilian Drug Testing plan. The main objective of the program is designed to enhance mission readiness and foster a drug free environment through a comprehensive program of education, prevention, deterrence and community outreach. For more information, call the Drug Testing office at (719) 567-5068 or DSN: 560-5068 or call the DDRP manager at (719) 567-7377 or DSN: 560-7377.

#### *Equal Employment Opportunity*

The 50th Space Wing Equal Employment Opportunity office (EEO) is located in the DeKok Building, 210, room 271. The EEO program provides the opportunity of federal employment for all persons; prohibits discrimination in employment and promotes the full realization of EEO through continuing affirmative program in each executive department and agency. The EEO office services all federal government employee (Appropriated/Non appropriated), applicants and some tenant organizations assigned to Schriever AFB. Any person who believes they have been discriminated against because of race/color, religion, age, sex, national origin, disability or reprisal must first make his or her complaint known by contacting the EEO counselor within 45 days of the incident, or if it is a personnel action within 45 days of the effective date. Schriever AFB offers mediation as an Alternative Dispute Resolution. ADR is available in all applicable cases. For additional information contact the civilian EEO chief at (719) 567-7096 or DSN: 560-7096.

#### *History*

The 50th Space Wing History office (HO) is located in the DeKok Building, 210, room 144. HO researches, writes and publishes the official history of the wing and its subordinate units; it prepares special historical studies and monographs; advises the commander on U.S. Air Force history and heritage programs and responds to historical



Lt. Col. Stephen Mitchell and Greg Deas, 50th Space Wing Inspector General office, explain the complaint process to a 50th SW member.

queries from the wing, other government agencies and the public. HO also manages archives of historical research and reference materials, including photographs and videos, advises commanders on unit lineage and heraldry issues, and maintains the 50th Space Wing's heritage displays. The History office can be contacted at (719) 567-6877 or DSN: 560-6877.

## Inspector General

The 50th Space Wing Inspector General office (IG), located in the the DeKok Building, 210, room 314, is responsible for the Air Force IG Complaints and Fraud, Waste, and Abuse (FWA) Programs. The 50th SW/IG encourages using the chain of command for resolving issues. The following contact numbers are available for filing complaints:

50 SW/IG — <https://schriever/ig/>  
 Complaints HOTLINE — (719) 567-3764 or  
 DSN: 560-3764;  
 FWA HOTLINE — (719) 567-2109 or DSN: 560-2109  
 E-mail — [50SWIG@schriever.af.mil](mailto:50SWIG@schriever.af.mil)  
 HQ AFSPC/IGQ — <https://midway.peterson.af.mil/afspcig/fwa.cfm>  
 Phone — (719) 556-6361 or DSN: 834-6361;  
 E-mail — [afspc.igq@peterson.af.mil](mailto:afspc.igq@peterson.af.mil)  
 SAF/IGQ — <http://www.ig.hq.af.mil/igq/>  
 Phone — 1 (800) 538-8429;  
 E-mail — [safiqg@pentagon.af.mil](mailto:safiqg@pentagon.af.mil)  
 DOD/IG —  
<http://www.dodig.osd.mil/HOTLINE/index.html>  
 Phone — 1 (800) 424-9098  
 E-mail to: [hotline@dodig.osd.mil](mailto:hotline@dodig.osd.mil)

## Judge Advocate

All active-duty service members, dependents and retirees are eligible to receive free legal advice through the Legal Assistance Program at the 50th Space Wing Judge Advocate office (JA) located in the DeKok Building, 210, room 116. The attorneys in the legal office can give advice on a wide range of legal issues such as consumer matters, tax preparation, divorce and leases. Matters beyond the scope of the Legal Assistance Program are criminal or military justice matters and business ventures. The advice provided by an attorney, including any communication between the attorney and client, is strictly confidential with very few exceptions. Guard members and Reservists may also call the legal office to get information on what legal services are available to them. Legal assistance appointments are available Mondays through Fridays at various times to accommodate shift workers. For more information, call (719) 567-5050 or DSN: 560-5050.

## Military Equal Opportunity

The 50th Space Wing Military Equal Opportunity office (MEO) is located in the DeKok Building, 210, room 271. MEO seeks to eliminate unlawful discrimination and sexual harassment against military personnel, family members and retirees based on race, color, national origin, religion or sex. Unlawful discrimination and sexual harassment are contrary to good order and discipline and counterproductive to combat readiness and mission accomplishment.

MEO also offers Human Relations Education training through First Duty Station and Newcomers Orientation classes. MEO is available for briefings during commander's calls or specialized training relating to unlawful discrimination or sexual harassment.





## Organizations

For more information, call (719) 567-5311/5310/5308 or DSN: 560-5311/5310/5308.

### Plans and Programs

The 50th Space Wing Plans and Programs office (XP), located in the DeKok Building 210, room 228, develops wing operations, contingency and implementation plans as well as reviews wing support agreements and operations orders. It integrates new weapons systems programs and upgrades existing programs into the wing. XP also interfaces with the operations community to identify deficiencies and plan future wing program requirements.

XP is the first-contact in the development, integration, initial and turnover operations of Air Force Satellite Control Network capabilities.

The office directs the development of the Program Objective Memorandum input process and develops, writes, edits and publicizes the wing's long range and strategic plans. XP plans and prioritizes wing programs, maximizing returns on investments. Finally, XP promotes, officiates and controls the "front door" for new missions and organizations requesting to

bed-down on Schriever AFB or at any of the wing's Geographically Separated Units world-wide. For more information, call (719) 567-2980/2991 or DSN: 560-2980/2991.

### Protocol

The 50th Space Wing Protocol office (CCP) is located in the DeKok Building, 210, room 335. CCP provides proper guidance and etiquette to the base commander for military and social functions. CCP also plans itineraries, tours, commander's conferences, change of command ceremonies, retirements, promotions, other wing hosted conferences, executive meetings, etc. for 50th Space Wing and Schriever AFB. For more information, call (719) 567-5048 or DSN: 560-5048.

### Public Affairs

The 50th Space Wing Public Affairs office (PA) is the primary release authority for public information from and about the base. PA also ensures information contained in wing publications and the public website, [www.schriever.af.mil](http://www.schriever.af.mil), does



Lt. Col. Stephen Hamilton, 2nd Space Operations Squadron commander, prepares for an interview. Contact 50th Space Wing Public Affairs if you are approached by media on or off base, on or off duty.



not include sensitive or classified items that may be accessed by an outside entity.

PA is composed of three areas – community relations, which coordinates tours on base; media relations, which provides base information to media representatives; and internal information, which is responsible for publishing the base newspaper, the *Satellite Flyer*, the base marquee and the base guide. PA can be contacted at (719) 567-5040 or DSN: 560-5040.

### **Sexual Assault Prevention and Response Program**

The Sexual Assault Response Coordinator (SARC) is the lead for the Sexual Assault Prevention and Response Program (SAPR) at Schriever AFB, located in the DeKok Building, 210, room 222.

The program offers advocacy, support and referral for active-duty military victims of sexual assault. Victims of sexual assault may call the SARC for guidance on actions to take, if any. In addition, civilian victims are provided with support and are referred to appropriate local advocacy organizations. Personnel who have past sexual assault issues exacerbated by environment or training are also provided with support and referral services.

Training is provided on an ongoing basis to all personnel with the intention of changing the culture and thinking in regard to gender issues and how they impact victims, alleged perpetrators and our attitude in regard to sexual assault.

The office also provides easy access to awareness and prevention media such as posters, brochures, flyers and pamphlets and a library of books on sexual assault, sexual abuse and domestic violence for checkout by all Schriever AFB personnel.

For more information, contact the SARC at 567-7272 (SARC) or DSN: 560-SARC.

### **Wing Command Post**

The 50th Space Wing Command Post (WCP) is the “eyes and ears” for the 50th Space Wing commander. It gathers and disseminates information to assist leadership in making critical decisions that affect the base and its assets. The WCP provides command and control for fourteen worldwide operational space units. WCP personnel act as the wing liaison interfacing with 14th Air Force, Headquarters Air Force Space Command, HQ Air Force, Joint Chief of Staff and the Office of the President. The Command Post can be contacted by calling (719) 567-2180 or DSN: 560-2180.

### **Wing Safety**

The 50th Space Wing Safety office (SE), located in the Dekok Building, 210, room 148B, is responsible for

implementing the U.S. Air Force Safety Program and managing the 50th Space Wing’s mishap prevention program. Safety conducts formal notice and no-notice safety inspections of all units on base and of the various sites around the world to identify hazards and make recommendations to commanders for corrective action. Safety will also assist units with ORM assessments.

Safety investigates all mishaps to find causes and make recommendations to commanders to prevent future mishaps of a similar nature. Safety also provides Supervisors Safety Training, reimbursement for some Motorcycle Safety Foundation Training and Confined Space Training.

Additionally, Safety will investigate all reported hazards. Hazards should be corrected at the lowest level; however, we will investigate them when they are reported to us. Notify your Unit Safety Representative of all mishaps and hazards. The Wing Safety Office can be reached at (719) 567-5617 or DSN: 560-5617, e-mail Safety Schriever ([safety@schriever.af.mil](mailto:safety@schriever.af.mil)) or visit <https://schriever/safety>.

## **50TH OPERATIONS GROUP**

The 50th Operations Group commands, controls and provides launch and early orbit operations to more than 170 operational satellites for the President, Secretary of Defense, federal and civilian agencies, U.S. authorities and all U.S. and allied military forces.

It provides operational leadership, trains space operations crews and provides standardization and evaluation to space system operators.

The group’s nine space operations centers perform 24-hour tracking, telemetry and commanding functions during launch, early-orbit and on-orbit spacecraft operations, as well as anomaly resolution and disposal operations.

### **50th Operations Support Squadron**

The 50th Operations Support Squadron directs space superiority support operations for the Department of Defense’s largest satellite composite wing with nine squadrons operating more than 170 satellites and a global network of command, control and communications facilities worth more than \$46 billion. Personnel develop mission ready training programs and policies and operate weapon system simulators ensuring combat readiness.

The squadron oversees operational requirements and modernization for the Global Positioning System, Milstar, Defense Satellite Program and the Defense Satellite Communications System. Concurrently, 50th OSS ensures development of new training requirements relating directly to the 50th Operations Group for future missions as





acquired by the 50th Space Wing. They work with various agencies such as Space and Missile Systems Center, System Program offices, program element managers, and the AFSPC Director, Strategic Plans, Programs, Analysis, Assessment and Lessons Learned, among others. The new systems currently being overseen are Advanced Extremely High Frequency, Wideband Gapfiller, Command and Control System-Consolidated, and Architecture Evolution Plan. Integrators ensure smooth system transition and work closely with instructional system developers validating and producing new training programs.

Additionally, "Team OSS" develops and executes space tactics, maximizing the impact of space superiority capabilities to the war fighter. Intelligence specialists develop system threat assessments, mitigation efforts and reports ensuring continued satellite operations.

The 50th OSS is vital to the continued successful operations of the Air Force's space superiority assets guaranteeing global power projection and precision engagement by providing war fighters secure communications, missile warning capabilities and precise navigation data.

### 1st Space Operations Squadron

The 1st Space Operations Squadron (1st SOPS) conducts command and control for four distinct constellations. Day to day C2 is performed on the Midcourse Space Experiment (MSX) and the Advanced Composition Explorer (ACE); additionally launch, early orbit, anomaly and disposal C2 is performed on the Defense Support Program (DSP) and the Global Positioning System (GPS). These four satellite programs operate in four separate and distinct types of orbit, from low-earth to deep space. 1st SOPS is also the lead agency for AFSPC's \$91.2 million Multi-Mission Space Operations Center (MMSOC) initiative. The squadron provides services to the Joint Chiefs of Staff and nine unified commanders worldwide.



Senior Airman Daniel Dempsey, 1st Space Operations Squadron, monitors telemetry for a GPS IIR (M)-14 launch.

1st SOPS performs launch and early-orbit operations for GPS and DSP systems, including satellite activation, initial checkout and transfer to mission orbit. The squadron plans and executes tracking, telemetry and commanding functions for the four satellite systems to maintain spacecraft state-of-health, sustain on-orbit operations and accomplish mission taskings. They respond to all satellite emergencies, support end-of-life testing and execute satellite disposal operations as required.

A mission control team, conducting 24-hour operations, performs the three major functions of satellite control: telemetry, tracking and commanding. The operators are responsible for pre-contact planning, real-time contact and post-contact evaluation. The squadron conducts approximately 20,000 satellite contacts per year.

### Midcourse Space Experiment

The Midcourse Space Experiment (MSX) is a space-based experimental ballistic missile warning spacecraft developed by the Ballistic Missile Defense Organization. It was launched on April 24, 1996, from Vandenberg AFB, Calif., and completed one year of intense experiments investigating ways to detect and track missiles in support of strategic Defense Initiative-type objectives.

Upon completion of the primary MSX mission, AFSPC decided to exploit its remaining capability of observing and tracking objects in space, from space. As a result, 1st SOPS gained command and control of MSX in a partnership with the Johns Hopkins University Applied Physics Laboratory in December 1998. Currently, MSX supports investigations into how to conduct space surveillance from a low-earth orbit platform. The MSX mission contributes to the execution of space-based space surveillance and observations in support of AFSPC's space control mission area.

### Advanced Composition Explorer

The Advanced Composition Explorer (ACE) is a NASA R&D satellite that measures the composition of particles from the sun and other galactic sources. Located approximately 1,000,000 miles from earth, ACE provides near real-time solar wind information and a one-hour advance warning of impending major geomagnetic activity.

ACE launched on August 25, 1997 from the Kennedy Space Center in Florida and is operated by NASA's Goddard Space Flight Center with assistance from the California Institute of Technology. 1st SOPS supports the ACE mission by using the Air Force Satellite Control Network (AFSCN) to prevent gaps in worldwide antenna coverage for the satellite. The National Oceanic & Atmospheric Administration (NOAA) uses the data collected from this coverage to perform 24-hours-a-day space weather forecasting.



## Defense Support Program

Defense Support Program (DSP) satellites are a key part of North America's early warning system. In their more than 22,000-mile geosynchronous orbits, DSP satellites detect missile launches, space launches and nuclear detonations. Since the first launch of a DSP satellite in the early 1970s, the program has provided an uninterrupted early warning capability to U.S. military forces.



Defense Support Program

## Multi-Mission Space Operations Center

The Multi-Mission Space Operations Center (MMSOC) is a revolutionary approach to space operations—an operations center focused on forging a one-of-a-kind operations/acquisition team to demonstrate and field emerging space missions and satellite command and control technologies in a rapid, decisive manner. The MMSOC is structured to operate a variety of satellite missions, including satellite initiatives without a program office, satellite missions of small scale (small constellations), new missions transitioning from concept toward full-scale operations, and all research, development, test and evaluation satellites with operational utility remaining after test and evaluation are complete.

A direct partnering of space operators from the 50th Space Wing (50th SW), 310th Space Group (310th SG), and acquisition experts from Space and Missile Systems Center Detachment 12, Vehicle Operations (SMC Det 12/VO) will give the Air Force the flexibility, continuity and stability to support legacy and future satellite programs, as well as operationally responsive space initiatives associated with small, low-cost, rapidly deployable capabilities. As part of the transition to the MMSOC construct, 1st SOPS will divest its GPS and DSP missions, acquire new satellite command and control missions, and support such legacy missions as Booster Tracking and MSX. The MMSOC is an adaptable Space Operations Center of Excellence committed to supporting AFSPC's evolving system development and enabling rapid transfer of technology to the war fighter.

## 2nd Space Operations Squadron

The 2nd Space Operations Squadron (2nd SOPS) performs the satellite command and control mission for the Global Positioning System (GPS) constellation.

GPS is a space-based radio navigation network whose primary mission is to provide precise positioning and timing information. The \$2.4 billion GPS constellation consists of 29 operational satellites.

GPS is the world's largest military satellite constellation. GPS provides highly accurate, 24-hour, all-weather, position, velocity and timing data to users worldwide. Additionally, all GPS satellites carry equipment supporting the U.S. Nuclear Detonation Detection System.



Global Positioning System

GPS' precise time transfer and highly accurate positioning data has revolutionized nearly every aspect of modern warfare. GPS has enabled U.S. and allied forces to strike targets with pinpoint accuracy while reducing collateral damage. Equally important, GPS has brought significant benefits to more than four million worldwide civilian users in diverse applications including air, road, rail and marine navigation, precision agriculture and mining, oil exploration, environmental research and management, telecommunications, electronic data transfer, construction, recreation and emergency response.

2nd SOPS operates and maintains the Master Control Station (MCS) at Schriever AFB and a dedicated network of worldwide monitor stations and ground antennas to control and support this constellation.

The monitor stations track navigation signals from GPS satellites and gather data on satellite performance. This data is then processed at the Master Control Station and is used to update the satellites' navigation messages.

The MCS sends updated navigation information to GPS satellites through ground antennas. These ground antennas are also used to transmit commands to satellites and to receive the satellites' state-of-health information.

Around the world, there are nine geographically separated sites housing ground antennas and stations that help to fly and monitor the GPS constellation. Detachment 1, 2nd SOPS, one of those stations, is the only detachment under the direct operational control of 2nd SOPS.



2nd Space Operations Squadron operations floor.





## Organizations

### Detachment 1, 2nd Space Operations Squadron

Detachment 1, 2nd Space Operations Squadron, (Det. 1, 2nd SOPS) is located at Cape Canaveral AFS, Fla. The detachment was activated Jan. 30, 1992.

The mission of Det.1 is maintenance of the GPS Ground Antenna and Monitor Station to support prelaunch compatibility testing of new GPS satellites, the operational satellite constellation, software and hardware developmental testing, training and contingency support at contracted sites on an "as required basis."

### 3rd Space Operations Squadron

The 3rd Space Operations Squadron (3rd SOPS) conducts day-to-day telemetry analysis, satellite commanding, orbital data collection, anomaly resolution, tactics development, defensive counterspace and on-orbit operations for the Defense Satellite Communications System (DSCS III) satellites. By mid-2006, 3rd SOPS anticipates declaration of Initial Operational Capability for the Command and Control System-Consolidated, a \$146 million state-of-the-art command and control system for military communications satellites. In 2007, 3rd SOPS will assume command and control of the first Wideband Gapfiller System (WGS) satellite (Flight 1).

DSCS III provides secure communications links to the combatant commands, theater commanders and strategic and tactical forces worldwide. WGS will enhance the high data rate communication capability of the DoD, greatly augmenting and eventually replacing the DSCS III constellation.

The 3rd Satellite Control Squadron (3rd SCS) was activated at Falcon AFB Feb. 2, 1990. As part of a

reorganization at Falcon, the 3rd SCS was redesignated 3rd SOPS Jan. 30, 1992.

### Defense Satellite Communications System

The Defense Satellite Communications System 3rd generation (DSCS III) is the backbone of national military communications. The constellation provides secure worldwide voice and data communications using six super-high frequency channels. A few examples of DSCS III users include the White House, intelligence community, regional and unified commanders, the AFSCN and the Defense Information Systems Network. The satellite system also broadcasts Emergency Action Messages to nuclear ready forces throughout the world.

DSCS III satellites orbit the earth at an altitude of more than 22,000 miles in a narrow ring above the equator known as the geosynchronous belt. The total constellation is comprised of five primary and four redundant satellites.

The DSCS III payload has both Earth coverage and multiple-beam array antennas. These antennas allow operators to create varying areas of coverage ranging from global coverage to very narrow theater coverage.

The DSCS III bus is controlled and maintained by members of 3rd SOPS. The U.S. Army's 53rd Signal Battalion controls the payload. The 53rd Signal Battalion continuously monitors the satellites from locations in the United States, Germany and Japan.



### Wideband Gapfiller System

The Wideband Gapfiller System (WGS) will become the backbone of national military communications. An initial deployment of three satellites is anticipated to be operational by the end of 2008. Based on the commercially available Boeing 702 communication satellite bus, WGS will provide high data rate communications in the X- and Ka-bands and will allow "cross-band" configurations to uplink in one band and downlink in the other. This unique military satellite communications (MILSATCOM) capability will significantly increase the options available to theater commanders.

Like DSCS, WGS will operate in the geosynchronous belt and be jointly operated by the U.S. Air Force at 3rd SOPS and the U.S. Army at its 53rd Signal Battalion sites.



Senior Airman Brian Furgurson, a satellite systems operator with the 3rd Space Operations Squadron Bravo Crew, performs a Defense Satellite Communications System support.



Senior Airmen José Sison and Nathaniel Tueting, satellite systems operators with the 4th Space Operations Squadron, send the Command and Control System's last command to a Milstar satellite before the CCS shut down.

### 4th Space Operations Squadron

The 4th Space Operations Squadron (4th SOPS) operates the Milstar satellite constellation, providing the nation's war fighters global, secure, survivable, strategic and tactical communications throughout the full spectrum of conflict and peace. They execute the unique mission of communications management, satellite command and control, and ground segment maintenance for the Milstar constellation.



Capt. Jason Terry, 4th Space Operations Squadron Mobile Operations Unit (DOOM), inspects the setup of the Ground Mobile-3 trailer.

4th SOPS also provides operators for mobile constellation control stations located at the 55th Operations Squadron, Offutt AFB, Neb., and the 153rd Command and Control Squadron, F.E. Warren AFB, Wyo. At higher readiness levels and during exercises, these personnel deploy with U.S. Strategic Command and U.S. Northern Command respectively. The 4th SOPS motto, "Linking the Forces," reflects Milstar's responsibility to enhance the nation's secure communications capability.

Unlike other SATCOM systems, Milstar's intelligent processing capabilities allows 4th SOPS to integrate spacecraft and payload support with knowledge of current user operations on the constellation. As a result, 4th SOPS executes apportionment enforcement, resource monitoring, and user troubleshooting functions for all Milstar users from the Joint Staff to forward deployed forces. 4th SOPS' unique integration of SATCOM user support with satellite Command and Control has set the standard for integrated space effects delivery.

### Milstar

Milstar is a joint-service satellite communications system that provides integrated, worldwide connectivity for high priority military forces in the field. Whether linking national assets around the world, providing







nuclear environment, protected communications to essential sites or guaranteeing deployed tactical forces large data trunks, Milstar's unique waveform places it at the lead of the family of protected satellite communications (SATCOM) services, reserved for the highest priority communications.

A key goal of Milstar is to provide interoperability between Air Force, Army, Marine and Navy users. Using Milstar, mobile ground forces, ships, submarines and aircraft are linked to achieve joint communications architecture in the modern battlefield.

Milstar's employment of centralized management and decentralized execution is exercised through this intelligent payload, and other features like steerable antennas, so users can setup communications with minimal interface to outside agencies. The Milstar payloads provide Low Data Rate services from 75 to 2,400 bits per second, as well as Medium Data Rate services from 4.8 to 1,544 kilobits per second. Additionally, the constellation introduced crosslinking capabilities to the SATCOM community, allowing worldwide connectivity without the need to intermediate retransmission stations.

The satellite weighs approximately 10,000 pounds and has a geosynchronous orbit altitude of more than 22,000 miles and a design life of 10 years.

4th SOPS is currently in the process of preparing to take on the next generation of protected SATCOM. With Advanced EHF, the DoD and certain International Partners will gain more bandwidth, flexibility and protection than with Milstar.

## 50TH NETWORK OPERATIONS GROUP

The 50th Network Operations Group (50th NOG) is an integral operations, communications, and maintenance team that operates, maintains, plans and acquires terrestrial systems including the worldwide Air Force Satellite Control Network (AFSCN) for the Secretary of Defense and U.S. allied military forces. The group functions as the single focal point for all 50th Space Wing communications and computer systems. They ensure operational availability and logistical supportability of national and DoD space communications and information systems. Specific mission responsibilities are accomplished through the 50th Space Communications Squadron (50th SCS), 21st Space Operations Squadron (21st SOPS), 22nd Space Operations Squadron (22nd SOPS), 23rd Space Operations Squadron (23rd SOPS) and the Program Management Office (PMO).

## 50th Space Communications Squadron

The 50th Space Communications Squadron (50th SCS) operates and maintains communications computer systems establishing real-time global connectivity to more than 170 satellites comprising the Global Positioning System, Defense Meteorological Satellite Program, Defense Satellite Program, Defense Satellite Communications System, Milstar, Fleet Satellite Communications System, Ultra High Frequency Follow-On System, Defense Advanced Research Projects Agency and test system satellites through the \$8.2 billion AFSCN.



Now-Airman 1st Class John Taylor, 50th Space Communications Squadron, pulls on a rope to help spread a radome cover over a new Air Force Satellite Control Network antenna. The construction was part of the Remote Tracking Station Block Change program.





50th SCS operates and maintains base communications systems including Defense Red Switch Network, Defense Message System, Defense Information Systems Agency multifunction switch, mainframes, classified and unclassified local area networks, inside and outside cable plants, base telephone systems, video teleconferencing systems, land mobile radios, and security control systems. They provide information assurance, information management, postal services, spectrum management, configuration management, multimedia services and quality control. The mighty 50th also provides logistics sustainment support to 12 geographically separated units stretched around the world. 50th SCS is the wing focal point for network and computer security and communications-electronics maintenance management to include job control, plans and scheduling, analysis, material control.

For Schriever AFB, 50th SCS provides cryptographic maintenance, base security system maintenance, computer network services, publications, records management,

computer equipment control, small computer maintenance, administrative telephone operations and maintenance, audio-visual support, and video teleconferencing services. Through the application of information systems operations, maintenance and contract quality assurance, the mighty 50th SCS earns its reputation as America's "first link to space."

## 21st Space Operations Squadron

The 21st Space Operations Squadron (21st SOPS) is located at Onizuka AFS (OAFS), Calif. The squadron plans and conducts specialized communications for a wide spectrum of DoD, allied, civil and commercial space systems. It schedules, allocates and configures AFSCN common user resources; monitors, maintains and updates the status of AFSCN resources and provides status, configurations and readiness of controlled resources to multiple users and command centers. It also provides and



Airman 1st Class Richard Togia, 50th Space Communications Squadron, checks for vital signs during a Wing Expeditionary Readiness Inspection.





maintains back-up operation centers for two sister squadrons. As host unit for OAFS, 21st SOPS provides resources to operate and maintain the base facilities and to provide administrative and support services to base units and agencies, including security, services, civil engineering and safety. Further, the squadron provides some base support to units on Moffett Federal Airfield, Calif. The 21st SOPS commander is designated the installation commander for OAFS.

### 22nd Space Operations Squadron

The 22nd Space Operations Squadron (22nd SOPS) at Schriever AFB executes command and control of the \$8.2 billion AFSCN, operates seven worldwide remote tracking stations, as well as develops, publishes and enforces the Network Tasking Order. The squadron executes more than 150,000 sorties per year coordinating launch and real-time on-orbit operations for more than 170 DoD, allied and national agency satellites in support of war fighters, the President, Secretary of Defense and the NASA space mission. 22nd SOPS also provides a “go” or “no-go” for launches at Cape Canaveral AFS Fla., and Vandenberg AFB Calif.

The seven tracking stations operated by 22nd SOPS are: Colorado Tracking Station, Schriever AFB; Det. 1, Vandenberg AFB Calif.; Det. 2, Diego Garcia, British Indian Ocean Territory; Det. 3, Thule Air Base, Greenland; Det. 4, Kaena Point, Hawaii; Det. 5, Andersen AFB, Guam; and Telemetry and Commanding Squadron (TCS), England.

### 23rd Space Operations Squadron

The 23rd Space Operations Squadron (23rd SOPS) is located at New Boston Air Force Station N.H., and was activated Nov. 1, 1991. 23rd SOPS is one of eight AFSCN Remote Tracking Stations providing United States Strategic Command with critical satellite command and control capability to more than 170 Department of Defense, national and civilian satellites performing intelligence, weather, navigation, early-warning and communications operations. The squadron operates and maintains a 2,826-acre installation and a \$106 million infrastructure for the largest geographically separated unit in the 50th Space Wing.

## 50TH MISSION SUPPORT GROUP

The 50th Mission Support Group (MSG) provides security, civil engineering, fire response, medical, contracting and personnel services support to Schriever AFB.

The group manages a \$625 million budget for 12 geographically separated units and 20 base agencies (more than 6,200 people). The group also plans and develops future Schriever AFB growth with city, county, state and federal officials.

### 50th Mission Support Squadron

The 50th Mission Support Squadron (MSS) provides general base support to include military and civilian personnel, family and manpower support and training to the 50th Space Wing, its worldwide sites and Schriever AFB tenant units. MSS is composed of five flights: Military Personnel Flight, Family Support Center, Manpower Flight, Civilian Personnel Flight and the Professional Development Center.

#### Military Personnel Flight

The 50th Military Personnel Flight (50th MPF) is located in the DeKok Building, 210, room 137. The customer service counter is open Mondays, Tuesdays, Thursdays and Fridays from 8:30 a.m. to 3 p.m., and Wednesdays from 11 a.m. to 3:30 p.m. The MPF provides human resource management services to active-duty personnel, family members, DoD civilians and base contractors and is available to a large population of retirees in the greater Colorado Springs area. Major sections of the MPF include career enhancements, customer service, personnel relocations, personnel employment, readiness and personnel systems.

Information and assistance are available on awards and decorations, assignments, promotions, separations, retirement, quality force issues, contingency temporary duty assignments, personnel system updates and identification cards needs. Casualty support and survivor benefit information is provided to military families and retirees for the entire eastern area of the state. A customer service representative can be reached by calling (719) 567-5900 or DSN: 560-5900.

#### Family Support Center

The Air Force has long realized the direct connection between the ability of the military member to accomplish the mission and the quality of life his or her family experiences. Family Support Centers (FSC) were established to assist with issues that affect military members and their families such as relocating and coping with duty related family separations. Schriever AFB's FSC is located at 65 Hahn Avenue, across from the Child Development Center. They can be reached at (719) 567-3920 or DSN: 560-3920.

#### Services available are:

**Information and Referral:** Helps people identify needs such as financial, employment-related, family support, etc.,



determines appropriate forms of assistance and directs them to the appropriate resources.

**Family Readiness and Deployment Support:** Provides information and services for troops and their families when mobilized. Morale calls, phone cards, programs and events for family members, pre-deployment preparation information and more are available.

**Relocation Assistance:** Provides a wide range of information and services for those moving in or out of Schriever AFB. Base brochures and videos, Sponsor Training and sponsor packet information, informational handouts about the PCS process and much more are available even for those just working on a dream sheet.

**Family Services Loan Locker:** Provides dishes, futons, pots and pans, irons and ironing boards, car seats, etc., for check out while people are waiting for their household goods to arrive or after their goods have been picked up.

**Transition Assistance:** Assists with the move from a military to a civilian career with a diverse range of services and programs. The four-day Transition Assistance Program (TAP) seminar is just one of the classes offered. Resume assistance, job-search skills, print and on-line resources are all available through the TAP program to make the transition from military life to civilian life smoother.

**Spouse Employment:** Offers many of the same TAP services and programs tailored to spouses seeking employment in the local area.

**Personal Financial Management Program:** Helps military members maximize pay through household budgeting, budgeting for baby, investing, transition planning and more. The "Power Pay" computer program can even show how to pay off credit debt in half the time with less interest. No matter what stage of life people are in, financial assistance can help people make the most of their money.

## Manpower

The 50th Mission Support Squadron Manpower and Organization Flight (50th MSS/MOF) is located in the DeKok Building, 210, room 221. The MOF is here to provide the wing leadership and their designated representatives with a variety of manpower and organization services. Our major services are manpower management, unit manpower documents (UMD), manpower authorization change requests, Air Force manpower standard applications and reengineering processes. Additionally, we are the focal point for competitive sourcing and privatization, the Innovative Development through Employee Awareness (IDEA) program, productivity enhancement programs and management advisory services. For more information call (719) 567-2754 or DSN: 560-2754.

## Civilian Personnel Flight

The Civilian Personnel Flight (CPF) is located in the DeKok Building, 210, room 217. The office is open Mondays through Friday from 7:30 a.m. to 4:30 p.m. on an appointment basis. The CPF staff is also available for appointments outside the hours listed above.

The CPF provides human resource management services to all DoD civilian employees, managers and supervisors assigned to Schriever AFB. The CPF is a full-service office, providing classification, affirmative employment, employee management relations, labor relations and resource management services. All customers should call ahead to schedule an appointment with the appropriate personnel specialist or customer service at (719) 567 - 5768 or DSN: 567-5768.

## Professional Development Center

The Professional Development Center (PDC) for Schriever AFB is also called the Columbia Center, named in honor of the Space Shuttle Columbia crew that gave their lives in the exploration of space. Several courses are held in the Columbia Center: The First Duty Station course is for new lieutenants stationed at Schriever AFB. A Company Grade Officer Professional Enhancement (PE) seminar is held once a quarter. Enlisted troops are offered a two-day Airmanship Professional Development course for airmen first class, a three-day NCO Transition Seminar for the senior airman and a four-day NCO PE course for the staff and technical sergeants once a month. All base level Career Development Course (CDC) testing is done in the PDC. The PDC is located in the DeKok Building, 210, room 310A. To reserve the room for training, contact either the Career Assistance Advisor at (719) 567-5927 or DSN: 560-5927 or the First Term Airman Center NCO in charge at (719) 567-7329 or DSN: 560-7329.

## First Term Airmen Center

The First Term Airmen Center (FTAC) is held in the DeKok Building, 210, room 310, and is connected to the PDC. FTAC's mission is to transition first-term, first-duty station Airmen (E1-E3) from the controlled environment of Basic Military Training and technical school to one of self-discipline. The center also provides a streamlined process for base in-processing and helps Airmen understand how they fit into "Team Schriever."

FTAC runs for 10 duty days, once a month, with classes typically starting on Mondays. Airmen inprocess with their squadrons prior to starting FTAC and are subsequently scheduled for the next available class.





### 50th Security Forces Squadron

The 50th Security Forces Squadron (SFS) provides force protection for resources located at Schriever AFB, geographically separated units and at worldwide-deployed locations. The unit's motto, "force protection for global engagement," typifies its enormous impact. The squadron is responsible for identifying, implementing and reviewing all physical and industrial information as well as personnel security requirements necessary to support normal and contingency operations at Schriever AFB and at all the wing's geographically separated units. Additionally, the unit is responsible for fully deployable, tactical teams for worldwide deployment as well as notional taskings.

### 50th Civil Engineer Squadron

The 50th Civil Engineer Squadron (CES) maintains \$476 million in real property, ensuring uninterrupted utility support for Schriever AFB and 12 geographically separated units. The squadron provides fire and environmental protection, contingency planning and response, operations and maintenance, resource management and engineering planning/design services in support of DoD satellites and a global network of facilities worth more than \$46 billion.

### 50th Contracting Squadron

The 50th Contracting Squadron (CONS) is responsible for providing operational and specialized acquisition support for



Senior Airman Justin Sims, 50th Civil Engineer Squadron, replaces a 400-watt light fixture that was struck by lightning.





Steve Moore, a 50th Logistics Readiness Flight contractor, prepares an A bag for a simulated deployment during an exercise on base.

the 50th Space Wing and Schriever AFB tenant units. 50th CONS awards and administers a broad range of contractual support requirements to include commodities, construction, architecture and engineering services, large and small dollar services, and research and development efforts. The 50th CONS is also responsible for providing quality assurance training and oversight for wing and tenant unit contracts and serves as the installation focal point for management and administration of the Government Purchase Card program.

## 50th Logistics Readiness Flight

The 50th Logistics Readiness Flight (LRF) performs logistics planning; manages the wing support agreement, mobility bag, small arms weapons, ammunitions, war reserve materiel, and vehicle U-Drive-It programs; conducts deployment planning, training and execution; base support planning, and logistics command and control in support of the Aerospace Expeditionary Force construct. In addition, the unit performs Quality Assurance Personnel and Functional Director duties for the Multi-Wing Logistics Support Acquisition Contract.

## 50th Services Division

The Schriever AFB Services Program serves active-duty military, DoD civilians, contractor partners and family members working on the installation. Their facilities offer many instructional, physical fitness and leisure time activities to base personnel. Such activities include a 270-capacity Child Development Center, Sports and Fitness centers, intramural sports, varsity sports, outdoor recreation activities and Information Tickets and Tours. The Services Division also oversees Services operations at New Boston Air Force Station, N.H. and Onizuka AFS, Calif. New Boston Services hosts a large Outdoor Recreation program with natural settings for camping, recreational vehicles and fishing opportunities. Onizuka AFS boasts an 18-hole golf course complete with driving range and club house. In addition to operating a recreational program, the Services Division operates the base dining facility and manages all food service and troop support operations. Services also operates and controls the base Mortuary Affairs program.





## TENANT UNITS

### JOINT NATIONAL INTEGRATION CENTER

The Joint National Integration Center (JNIC) is critical to the development, integration and test, deployment, and operations of the Ballistic Missile Defense System (BMDS).

The JNIC is the nation's premier center for missile defense integration and is charged with supporting the development of the command and control, battle management and communication element. These tie all of the missile defense elements into a single, multi-tiered BMDS.

It is the responsibility of the JNIC to initiate the operators early on into the missile defense system. This is accomplished through war games and exercises, providing tools for the war fighters to examine concept of operation and doctrinal issues, and refine their requirements for the operational system.

The JNIC was established as the National Test Facility in 1988 by the Missile Defense Agency, known then as the Strategic Defense Initiative Organization. It was originally the center for missile defense research centers in a geographically distributed test-bed. The Center's support of missile defense spans the entire spectrum of the acquisition

process, from requirements definition to development, acquisition, and finally deployment and follow-on support. The JNIC is the place where ballistic missile defense architecture's key technologies and concepts of operation are closely examined for integration and interoperability.

Representing one of the DoD's most powerful computational centers, the JNIC maintains state-of-the-art computer hardware and software. More than 100 military and civilian representatives from the Army, Navy, Marines and Air Force staff the JNIC. A contractor team of more than 1,200 personnel supports the government staff. The contractor team is made up of a prime contractor and more than 20 sub-contractors. This gives the JNIC significant depth of expertise in solving a wide array of missile defense related issues.

The United States has increased its resolve to develop and deploy missile defense systems for our nation, our forward-deployed force, and our friends and allies. As a result, the JNIC has increased its international focus hosting a wide variety of multi-national war games to look into international and coalition missile defense issues. Representatives from more than 80 nations have come to the JNIC to explore opportunities for joint missile defense related work.

The JNIC continues to play a critical role in ensuring the developing missile defense system becomes, and remains, integrated with the interoperability necessary to create a safer, more secure world.



*Joint National Integration Center (JNIC).*



## Space and Missile Systems Center Detachment 12

Space and Missile Systems Center (SMC) Detachment 12, Vehicle Operations Center for Research Support (CERES) is a research and development space operations test-bed for emerging satellite ground systems and operations concepts. CERES provides the United States' space operations community access to ground and space assets for rapid prototyping, evaluation and activation. They also provide residual satellite operations to support research and development activities for space ground systems and operations concepts.

Since 1991, CERES has been innovating the way the Air Force does satellite operations. By capitalizing on its colocation with the Joint National Integration Center (JNIC) and the 50th Space Wing (50th SW), CERES is able to provide a vital link between research, development, testing and the space operator. The benefits of CERES exist not only within the DoD, but throughout the U.S. space operations community.

CERES' current emphasis is on defensive counterspace and improving operator situational awareness by using graphical displays anomaly detection training. CERES flies five families of satellites on one ground system, providing a broad test environment for a variety of post-operational satellites to include Global Positioning System, Defense Satellite Communications System III and Defense Support Program. In

addition, CERES has an independent test center which sponsors new ground systems for evaluation using the "fly before you buy" concept. This capability provides significant cost savings and risk reduction to the acquisition process.

CERES offers a state-of-the-art satellite operations center, complete with three cutting edge ground systems and a full 24-hour support team. CERES uses a full suite of satellite Telemetry, Tracking, and Commanding system (TT&C) assets developed jointly by SMC units at Kirtland AFB, N.M. and Schriever AFB.

CERES also has full connectivity to the AFSCN. This network is used by DoD agencies around the world, providing users with a global and secure 24-hour satellite control network.

## SPACE INNOVATION AND DEVELOPMENT CENTER

The mission of the Space Innovation and Development Center (SIDC) is to advance Air Force, joint and combined space warfare through innovation, testing, tactics development and training.

In the fall of 1992, an Air Force Blue Ribbon Panel on space recommended establishing a dedicated Space Warfare Center to exploit the capabilities of space-based assets.





## Tenant Units

Combat Operations during Operation Desert Storm relied on space support more than in any past conflict. However, an analysis of these operations revealed shortfalls in the Air Force's ability to leverage space capabilities. In order to better exploit space capabilities, the SWC was stood-up and was officially dedicated on Dec. 8, 1993. On March 1, 2006, the SWC was redesignated as the SIDC.

### AF Tactical Exploitation of National Capabilities

In 1977, Congress directed the establishment of AF Tactical Exploitation of National Capabilities (AF TENCAP) with three primary missions: exploiting national technical means, space and emerging technologies for tactical applications to the war fighter through rapid prototyping; influencing future space systems design; and educating war fighters about the capabilities and tactical utility of space systems. AF TENCAP demonstrates leading edge space technologies with potential to enhance combat capabilities of units in the field, then transitions these combat systems to war fighters much more rapidly than traditional acquisition processes. AF TENCAP is responsible for keeping abreast of the latest technologies and influencing emerging space systems to make them more supportive of fielded combat forces.

### Warfighting Integration Division

The Integration Division (XI) is directly involved in integrating space capabilities into air and information warfare. XI uses two facilities to accomplish this effort. The Distributed Mission Operations Center for Space (DMOC-S) works to improve command and control processes, facilitates prototype development, identifies and integrates promising technologies and operates a facility that emulates the functions of a combined air and space operations center (CAOC). This facility is designed to demonstrate space systems and train personnel on their use by providing space capabilities through Distributed Mission Operations (DMO). The Aerospace Fusion Center (AFC) exploits real time data fusion systems to enhance and develop space situation awareness (SSA) capabilities. XI promotes the understanding and effective use of space power through the planning, executing and supporting service and joint wargames and exercises. A principal focus is the Air Force Space Command's Schriever Wargame Series which is designed to evaluate space's contribution to a theater war. The fourth game in the series, Schriever IV, is scheduled to execute in 2007.

### Air Force Space Battlelab

The mission of the Space Battlelab (SB) is to transform space capabilities into solutions for today's war fighting problems. Through networking with industry, academia and service laboratories, SB leverages leading edge space technology to enhance Air Force core competencies.

The SB focuses on the most pressing operational problems and determines the best available solutions. It then produces a detailed campaign plan and demonstrates the effectiveness of a proposed solution in an operational environment. Battlelab project managers use modeling and simulation, war gaming, exercise evaluations and prototype demonstrations to quickly measure military value of promising concepts. Projects that are successfully demonstrated are transitioned to another agency for further refinement or for war fighter use.



### Plans, Programs and Requirements

The Plans, Programs and Requirements (XR) division provides overarching support to all other SIDC divisions. XR manages SIDC communications and computers, acquisition, logistics, policy, planning, programming, financial support, manpower and personnel. XR is the SIDC commander's authority for reviewing, coordinating and consolidating all SIDC inputs to AFSPC Plans and Program's Modernization Planning Process and AFSPC Director, Strategic Plans, Programs, Analysis, Assessment and Lessons Learned associated Requirements Generation System. As the lead SIDC programming and requirements agency, XR integrates SIDC views and initiatives into these AFSPC-level programming systems to solve war fighters' deficiencies through space capabilities. As SIDC's executive agent for submitting Program Objective Memorandum inputs, XR develops strategy, policy, doctrine, programs, long-range plans to control and exploit space, and advocates manpower, resources and organizational development for long-term success of SIDC's mission.

### 595th Space Group

The 595th Space Group (595th SG) is responsible for planning, managing and executing AFSPC's intercontinental ballistic missile and space systems operational test and



evaluation activities. The 595th SG is the focal point for coordinating all test activities between headquarters AFSPC, 14th Air Force, 20th AF, space wings, test squadrons, headquarters and external agencies. The 595th SG is composed of seven squadrons.

### **595th Operations Support Squadron**

The 595th Operations Support Squadron enhances Air Force space superiority and improves force readiness by providing mission support functions to the test, education, space threat replication and space tactics development missions executed by the 595th SG.

### **17th Test Squadron**

The 17th Test Squadron (17th TS) validates and enhances war fighter capabilities through testing and evaluation of space systems. The 17th TS is responsible for planning, executing and reporting on all force development evaluation, tactics and concepts testing, and command directed testing of AFSPC's space assets.

### **14th Test Squadron**

The 14th Test Squadron is a U.S. Air Force Reserve squadron augmenting the 17th TS.

### **576th Flight Test Squadron**

The 576th Flight Test Squadron (576th FLTS) executes the Joint Chiefs of Staff-directed ICBM Force Development Evaluation test program and executes AFSPC's operational tests for the Department of Defense. The 576th FLTS performs ground, flight and space system tests in operationally representative environments and collects, analyzes and reports performance accuracy, anomaly assessment, reliability, aging and surveillance data to the Joint Staff, Air Staff, U. S. Strategic Command and other higher headquarters.

### **527th Space Aggressor Squadron**

The 527th Space Aggressor Squadron (527th SAS) is modeled after the U.S. Air Force air aggressor program. The 527th SAS replicates adversary capabilities to improve combat training. The squadron's goal is to increase awareness of threats from space and to improve our ability to defend against them.

### **26th Space Aggressor Squadron**

The 26th Space Aggressor Squadron is a U.S. Air Force Reserve squadron augmenting the 527th SAS.

### **25th Space Control Tactics Squadron**

The 25th Space Control Tactics Squadron develops, tests and documents tactics, techniques and procedures affecting the employment and utilization of space systems. The squadron develops tactics to deter, detect, locate, mitigate and negate natural and man-made threats to space services, and to disrupt and deny access to space services by adversaries hostile to the United States and its interests. The squadron also manages the Space Test and Training Range (STTR) Division. The STTR provides a capability that allows units to exercise space capabilities in a safe, secure and realistic environment while eliminating the risk of unintended collateral effects.

### **3rd Space Experimentation Squadron**

The 3rd Space Experimentation Squadron (3rd SES) is AFSPC's premier organization for space-based demonstrations, pathfinders and experiments. The unit identifies concepts of employment, training, education and technical skill sets required to field selected future AFSPC missions.

## **310TH SPACE GROUP**

The 310th Space Group (310th SG) is the only space group in the Air Force Reserve. The unit was activated Sept. 4, 1997, and reports directly to 10th Air Force. The 310th SG mission is to provide specialized expertise, continuity and combat ready personnel, projecting space power for U.S. interests worldwide.

### **6th Space Operations Squadron**

The 6th Space Operations Squadron (6th SOPS) operates the Defense Meteorological Satellite Program (DMSP) satellite in support of the Department of Commerce and the National Oceanic and Atmospheric Administration. As the only unit-equipped space squadron in Air Force Reserve Command, they own and operate a satellite operations center facility at Schriever AFB. DMSP has collected weather imagery for DoD operations and worldwide civilian agencies for more than four decades. Military weather forecasters use this data to predict and monitor regional and global weather patterns including severe thunderstorms, hurricanes and typhoons. The information provided by DMSP is vital to every aspect of U.S. military planning and execution.

### **7th Space Operations Squadron**

The 7th Space Operations Squadron (7th SOPS) is a component of the 310th Space Group. The squadron was the first Air Force Reserve unit assigned to Air Force Space Com-





mand (AFSPC), activated on March 18, 1993. The mission of the 7th SOPS is to augment the space operation missions of 1st SOPS. They conduct command and control operations for four distinct constellations: Defense Support Program, Global Positioning System, Midcourse Space Experiment, and a NASA research and development (R&D) program, in low-earth to deep-space orbits, and is AFSPC's only multi-mission Satellite Operations Center. Operations activities include satellite launch and early orbit, on-orbit routine operations, satellite emergencies, end-of-life testing and satellite disposal operations providing warning, navigation, R&D, surveillance and weather data to the war fighter. Squadron members serve at least two days of duty each month, plus two weeks a year. During a wartime contingency, the squadron mobilizes to augment on a full-time basis.

### 14th Test Squadron

The 14th Test Squadron (14th TS) was activated on Oct. 1, 2000, as a Reserve associate unit to the 17th TS. The 14th TS mission is to enhance AFSPC's support to the war fighter through operationally relevant testing and

evaluation of space forces. The 14th TS supports AFSPC-directed tests by offering certified data collectors, test managers and lead analysts who work hand-in-hand with 17th TS assets during all phases of testing. Personnel from the 14th TS have a broad spectrum of expertise in operations, communications, maintenance, science and engineering. The 14th TS staff consists of five Active Guard and Reserve billets and 24 traditional Reserve billets providing continuity and subject matter expertise.

### 19th Space Operations Squadron

The 19th Space Operations Squadron (19th SOPS), as a Reserve associate unit to 2nd SOPS, operates the Global Positioning System satellites. The primary role of 19th SOPS is to provide launch and early orbit, satellite anomaly resolution, satellite disposal, satellite vehicle analysis and satellite command and control. The squadron has Active Guard Reserve and traditional Reserve personnel assigned, augmenting day-to-day operations and modernization efforts, and providing mission continuity, expertise and surge capability for contingencies.



310th Space Group.



### 26th Space Aggressor Squadron

The 26th Space Aggressor Squadron (26th SAS) is an associate squadron to the 527th SAS. The mission is to educate and train joint forces for combat effectiveness by providing space threat study, replication and countermeasures development. The squadron is comprised of 22 war fighter-oriented Air Force Specialty Codes (AFSC) whose field mission replicates current and developing space threats. The bottom line is to ensure the joint war fighter maintains space dominance through the fielding of global mitigation tactics, techniques and procedures.

### 310th Security Forces Squadron

The 310th Security Forces Squadron (310th SFS) activated in March 1998, and has a unique role within AFSPC. This unit is designed to give the AFSPC commander extra capability to protect the terrestrial elements of the Air Force Satellite Control Network and Spaceflight resources worldwide.

### Other 310th SG Units

The 310th SG is also responsible for the 8th Space Warning Squadron (8th SWS), located at Buckley AFB, Colo.; the 9th Space Operations Squadron (9th SOPS), located at Vandenberg AFB, Calif.; the 310th Communications Flight (310th CF), located at Peterson AFB, Colo.; and the Reserve National Security Space Institute (RNSSI) in Colorado Springs.

### AIR FORCE TECHNICAL APPLICATIONS CENTER, DETACHMENT 46

Air Force Technical Applications Center Detachment 46 (AFTAC Det 46) is responsible for operating the nuclear detonation detection system (NDS) payload on board the Global Positioning System (GPS) satellite constellation. NDS data is used in AFTAC's worldwide Nuclear Test Ban Treaty monitoring system, the Integrated Tactical Warning and Attack Assessment mission, and U.S. Strategic Command's nuclear force management mission.

### AIR FORCE OPERATIONAL TEST AND EVALUATION CENTER, DETACHMENT 4

The Air Force Operational Test and Evaluation Center (AFOTEC), Detachment 4, Operating Location-Schriever

Colorado (OL-SC), conducts operational test and evaluation for space and ballistic missile defense programs at the Joint National Integration Center (JNIC). AFOTEC personnel identify and apply modeling, simulation and computer capabilities within the JNIC to support DoD systems under test. The unit's mission includes test planning, execution and reporting on the Ballistic Missile Defense System (BMDS) program, as a member of the BMDS Operational Test Agency (OTA).

### SPACE AND MISSILE SYSTEMS CENTER, DETACHMENT 11

Space and Missile System Center, Detachment 11, representing six separate system program directors at the Space and Missile Systems Center in Los Angeles, Calif. and Peterson AFB, Colo., provides development and sustaining engineering, and network integration services to all elements of the common user in support of Air Force Space Command. The unit provides operational and requirements engineering support, and on-site engineering and integration support to the 50th and 21st Space Wings.

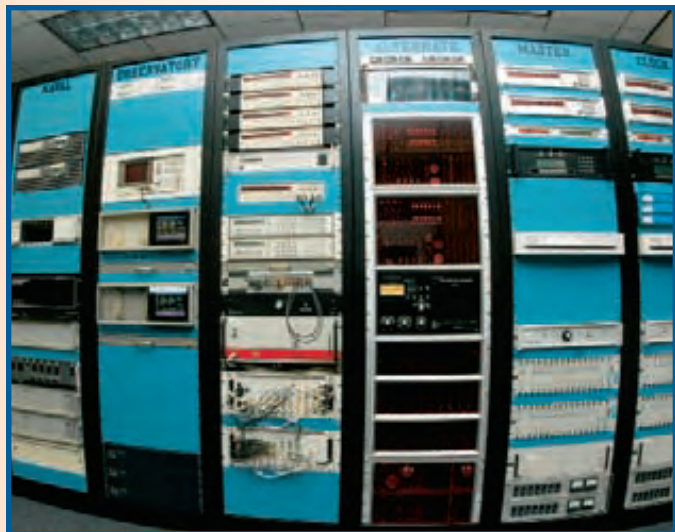
### AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS, DETACHMENT 807

Air Force Office of Special Investigations, Detachment 807 (AFOSI Det 807) processes criminal, counterintelligence and force protection support to all service components at Schriever AFB. The mission priorities of AFOSI Det 807 are to exploit counter-intelligence activities for force protection, resolve violent crime, counter threats to information systems and technologies, and defeat and deter acquisition fraud. The AFOSI Det 807 office is located in Bldg 210, Suite 245. Det 807 can be reached at (719) 567-5049 or DSN: 560-5049.

### 392ND TRAINING SQUADRON, DETACHMENT 1

The 392nd Training Squadron, Detachment 1 (392nd TRS, Det 1) is located at the Joint National Integration Center and operates the Cheyenne Mountain Training System (CMTS). Individuals assigned to Det. 1 train operations personnel for the Cheyenne Mountain Operations Center, located at Cheyenne Mountain AFS. The detachment's mission is to provide the war fighter a high fidelity, stand-alone tactical warning and attack assessment system training capability that will operationally replicate the crew centers within the Cheyenne Mountain Operations Center.





The U.S. Naval Observatory Alternate Master Clock is approximately 4,000 times more accurate than the earth's rotation.

### JOINT FUNCTIONAL COMPONENT COMMAND FOR INTEGRATED MISSILE DEFENSE

The Joint Functional Component Command for Integrated Missile Defense (JFCC-IMD), located at the Joint National Integration Center, conducts planning, coordination and integration of Global Ballistic Missile Defense operations to dissuade and deter ballistic missile attacks. Should deterrence fail, U.S. Strategic Command's JFCC-IMD will recommend apportionment and allocation of forces to optimize the deployment and employment of global ballistic missile defense in support of the Global Combatant Commanders and recommend the employment of strike forces to defeat limited ballistic missile attacks in all phases of flight or prior to their launch in order to defend the U.S., our deployed forces, friends and allies.

### HEADQUARTERS AND HEADQUARTERS COMPANY, 53RD SIGNAL BATTALION (SATELLITE CONTROL)

The mission of U.S. Army Strategic Command's 53rd Signal Battalion is to operate, maintain and sustain three contingency Defense Satellite Communications System (DSCS) control platforms to provide positive platform, payload and communications network control of DSCS satellites to the unified and specified combatant command commander, the National Command Authority and other customers approved by the Joint Staff.

### U.S. NAVAL OBSERVATORY

The U.S. Naval Observatory (USNO) is home to the nation's Master Clock. The USNO Alternate Master Clock is located at Schriever AFB.

The USNO mission is to determine the positions and motions of celestial bodies, motions of the Earth and precise time. USNO also provides astronomical and timing data required by the Navy and all other components of the Department of Defense for navigation, precise positioning, space operations, and command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) to make these data available to other government agencies and to the general public. Finally, USNO conducts relevant research and performs such other functions as may be directed by higher authority.

### NAVAL SATELLITE OPERATIONS CENTER DETACHMENT DELTA

The Naval Satellite Operations Center Detachment Delta (NAVSOC Det. D) is located in Bldg. 400. The unit's primary mission is to provide hot backup operations for NAVSOC headquarters located in Point Mugu, Calif. Primary constellations supported include Fleet Satellite, Ultra High Frequency Follow On, and Polar.

### 100TH MISSILE DEFENSE BRIGADE, MISSILE DEFENSE ELEMENT

100th Missile Defense Brigade's Missile Defense Element (MDE) is located in the Joint National Integration Center. MDE functions include conducting the operational level execution of the Ground Based Midcourse Missile Defense (GMD) Limited Defensive Operations mission for the U.S. Northern Command (NORTHCOM) commander. In this respect, MDE provides operational and tactical recommendations to the NORTHCOM commander; synchronizes operations and conducts fire distribution across multiple GMD Fire Direction Centers (FDC); conducts battle planning for potential follow-on launches of threat ballistic missiles and as required, de-conflicts the operational pictures for warning and missile defense missions. MDE also manages Army GMD force readiness conditions and develops and reports overall GMD operational capability. It provides day-to-day control of GMD FDCs; performs analyses and develops responses to NORTHCOM commander, command director and missile defense officer questions and provides back up mission execution capability for the firing unit FDCs.



Medical/Dental Clinic.

## 21ST MEDICAL GROUP

The 21st Medical Group (21st MDG) provides medical and dental support to active duty and other eligible military beneficiaries at Schriever AFB and contracts a 24-hour ambulance service for emergencies.

### Medical Services

Medical Services are provided for active-duty personnel assigned to Schriever AFB, as well as retirees and dependents working on or living near Schriever AFB. Services include primary care, aeromedical, dental, immunizations, pharmacy, laboratory, radiology, public health and optometry.

Primary Care, Aeromedical, Pharmacy, Laboratory and Radiology hours are Mondays through Fridays from 7:30 a.m. to 4:30 p.m.; Public Health is open Mondays through Fridays from 7:30 a.m. to 4:30 p.m.; Optometry Clinic is open Tuesdays from 7:30 a.m. to 4:30 p.m.

To schedule an appointment, call (719) 556-2273 (CARE) from 6:30 a.m. to 4:30 p.m. For all other calls, please call (719) 567-4455 or DSN: 560-4455.

Additionally, you can make appointments with your Primary Care Manager (PCM) 24-hours per day through TRICARE On-Line, <http://www.tricareonline.com>. You will need to register, establish a username and password prior to making appointments on line. When registering, select 21st Medical Group as your military treatment facility. An important note to all active duty assigned to Schriever AFB: All appointments booked with your Schriever PCM through TRICARE On Line will be at the Schriever AFB Clinic.

Schriever AFB also has a contract ambulance service through American Medical Response (AMR) for 911 emergencies with a 24-hour response service. They are located in Bldg. 500, room 114.

Schriever Life Skills is located in the DeKok Building, 210, room 226. To schedule an appointment with Life Skills contact (719) 567-5858 or DSN: 560-5858.

### Dental Services

All annual dental exams will consist of an exam and cleaning. These appointments are mandatory and you must give at least 24 hours notice for cancellations.





Former Dr. (Maj.) Thomas Davis, 21st Medical Support Squadron Pharmacy Flight commander, fills a prescription for Senior Airman Michael Dellario, formerly of the Air Force Technical Applications Center Detachment 46 at the Schriever Pharmacy.

Dental Clinic hours are Mondays through Fridays from 7 a.m. to 4 p.m.

The Schriever AFB Dental Clinic is located in Bldg. 220. To schedule an appointment, call (719) 567-5065 or DSN: 560-5065.

### Health and Wellness Center

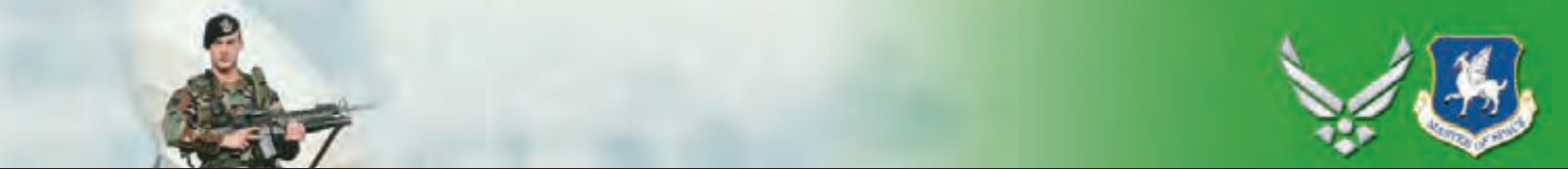
The Health and Wellness Center (HAWC) is located on the north side of Bldg. 500. The HAWC's mission is to provide Schriever AFB with the very best in comprehensive, customer-driven wellness through awareness, education, prevention and intervention. The HAWC is committed to improving individuals' readiness, optimizing health and enhancing Schriever AFB's total force fitness. Client's individual needs are identified, prioritized and matched with existing services. Clients can obtain HAWC services through health care provider referrals or self-referral. Lifestyle modification and support programs include stress management and tobacco cessation courses, prenatal education, gait analysis, fitness and nutrition enhancement programs as well as fitness

assessments, massage therapy, healthy cooking classes, cardiovascular and cancer prevention education. For more information on programs, call (719) 567-4292 (HAWC), e-mail us at [HAWC@schriever.af.mil](mailto:HAWC@schriever.af.mil), or go to <https://schriever/hawc> for online resources.



Staff Sgt. Dale Bennett, Schriever Health and Wellness Center, leads the way as hikers trek more than five miles in the woodlands of Mueller Park, one of 41 Colorado state parks.





# SCHRIEVER AFB SUPPORT SERVICES

## Banking - Ent Federal Credit Union

Ent Federal Credit Union's Schriever AFB Service Center is located in Bldg. T65 next to the shoppette. Members enjoy a comprehensive line of financial services including online banking, telephone banking, 20 service centers in the Pikes Peak Region and thousands of surcharge-free ATMs worldwide. Ent Federal is a community-chartered credit union offering membership to all who live, work, worship or attend school in El Paso, Teller or Pueblo counties or are located in areas of Denver, Arapahoe and Adams County. For more information, call (719) 574-1100 or (800) 525- 9623. ATMs on Schriever AFB can be found at the Service Center and the West and North Portals.

## AAFES Barbershop

The barbershop is located in the DeKok Building, 210, room 203. Hours of operation are from 8 a.m. to 3 p.m., Mondays through Fridays, with a lunch break from 1 p.m. to 1:30 p.m. Appointments can be made by telephone or through intranet computer access for slots between 8 a.m. and 12:30 p.m.; walk-ins are accepted from 1:30 p.m. to 3 p.m. For more information or to make an appointment, call (719) 567-2108 or DSN: 560-2108.

## Child Development Center

The Child Development Center (CDC) Bldg. 60, provides care for children six weeks to five years of age. They are committed to providing the best developmental experiences for all children. The curriculum is designed to meet the cognitive, social, emotional and physical needs of children through developmentally appropriate activities. The CDC is DoD certified and adheres to Air Force and the National Association for the Education of Young Children guidelines.

All parents of children enrolled in the child development program are eligible to participate in the Parent Advisory Board (PAB). The PAB has an important role in shaping the parent involvement activities at the CDC. Parent participation helps to meet each child's developmental needs. Meetings are held quarterly. For more information, see the parent board in the lobby or speak to a CDC representative.

Authorized use of the child development program is outlined in AFI 34-248, "Child Development Centers," par. 7.8. Eligible patrons include parents who are active duty military assigned to all area military bases, DoD civilian personnel and DoD contractors working full time on the installation. Hours of operation are 6 a.m. to 6 p.m. Mondays

through Fridays. For enrollment information, please call (719) 567-4742 or DSN: 560-4742.

## Convenience Store - Falcon's Nest

The Falcon's Nest is a convenience store in the restricted area operated by the Blind Association of Colorado and provides an assortment of sundry items, check cashing, lottery and other services. It is located in Bldg. 730 and is open Mondays through Thursdays from 5:30 a.m. to 3:30 p.m. and Fridays from 5:30 a.m. to 3 p.m. They can be reached at (719) 721-8663 or DSN: 721-8663.

## Dining Options on Base

The Satellite Dish Dining Facility is located in Bldg. 300 and is open to all military, DoD civilian and contractor personnel (dinner, midnight meals and weekends only) at Schriever AFB. It operates on an a la carte system serving breakfast, lunch, dinner and a midnight meal.

The Joint National Integration Center High Plains Café is located inside the restricted area and is open to all personnel with access to the RA. The cafeteria offers breakfast, lunch and a carry out service until 2 p.m. weekdays only.

Trina's Brewed Awakenings serves coffee and dessert treats. It is located in Bldg. 720, room 119 and can be reached at (719) or DSN: 721-0220.

Coyote Café serves breakfast items, specialty coffees, teas and juices as well as daily lunch specials. It is located in the



Vernon Wittenbrook, grill cook, waits for the steam to dissipate before putting the finishing touch on a cheeseburger.





DeKok Building, 210, room 156 and can be reached at (719) 567-2673 or DSN: 560-2673.

An AAFES Blimpie trailer has been set up outside of Bldg. 101 and offers call-in services. They are open Mondays through Fridays from 7:30 a.m. to 3 p.m. and can be reached at 567-7654.

The Schriever AFB Shoppette offers a variety of snack foods and frozen meals along with pre-made sandwiches and hot-off-the-grill hotdogs and breakfast items.

Outdoor Recreation, located in Bldg. 300, room 133, and the Falcon's Nest in Bldg. 730 have a variety of snack food items and beverages.

### Fitness Centers

The Schriever Fitness Center is comprised of two facilities: the Main Center Bldg. 120 and the Fitness Center Annex located in Bldg. 502. The Fitness Center staff consists of highly skilled personal trainers who can develop an appropriate exercise program for any fitness level and experience. Assistance in preventive health, health maintenance, and weight management programs are available to all active-duty patrons. Cardiovascular machines, strength training equipment, as well as aerobic, spinning, pilates and yoga classes are offered free of charge and can be excellent avenues for Schriever AFB personnel to reach their fitness goals. Special monthly athletic events, intramural sports and tournaments are offered throughout the year.

The Fitness Center Annex is open Mondays through Fridays from 5 a.m. to 5 p.m. and closed on weekends and holidays. The Main Fitness Center is open Mondays through Fridays from 5 a.m. to 6:30 p.m. and is open Saturdays from 7 a.m. to 3 p.m. For more information, call (719) 567-6628 or DSN: 560-6628.

The Joint National Integration Center's Fitness Center operates 24/7, has 5,600 square feet of floor space and approximately 55 pieces of equipment in excellent condition. The JNIC has extended the privilege of using this facility to 50th Space Wing personnel. To use this facility, units simply need to submit a roster of personnel.



Main Fitness Center.



Chaun Frink, U.S. Army 1st Satellite Control Battalion, tries to avoid being "tackled" during an intramural flag football game.

### Outdoor Recreation and Information, Tickets and Tours Office

The Outdoor Recreation and Information, Tickets and Tours offices are located in Bldg. 300, room 133. They offer a variety of information and services for Schriever AFB. Tickets are available throughout the year to ski resorts, sporting events, concerts and other tourist attractions in the Colorado Springs area. Many popular tickets to out-of-state destinations are also available.

Affordable outdoor programs are offered at great military or group discount prices. A variety of camping gear and inflatable bounce and slide equipment is available for rent. In addition, many novelty items, including coins, Schriever AFB clothing, mugs and more are sold at the office.

For more information, call (719) 567-6050 or DSN: 560-6050.

### Winggate Travel, Inc.

Winggate Travel is located in the DeKok Building, 210, room 303. It is open Mondays through Fridays from 8 a.m. to 4 p.m. and closed from 12:30 p.m. to 1 p.m.

The office serves all official military and civilian travel needs, including airline tickets, rental cars and lodging. A travel representative can be reached at (719) 567-5099 or DSN: 560-5099, fax (719) 683-3668.

### Shoppette

The Schriever AFB Shoppette, just off Falcon Parkway, carries emergency uniform items such as blousing straps and socks. It also offers food, health and beauty aids, magazines and more. The package store offers non-alcoholic and alcoholic beverages and limited party supplies.

A 24-hour gas pump is available Sundays through Saturdays. The system is closed down from 6 p.m. to 7 p.m. Mondays through Fridays for programming. They can be reached at (719) 567-3915 or DSN 560-3915.



# PETERSON AFB SUPPORT SERVICES

## Airman Leadership School

The Airman Leadership School (ALS), located in Bldg. 1141, has a dedicated faculty and staff of four. Eight classes are offered annually with an average of 28 students per class. Each class is six weeks long, and graduates earn a total of nine semester hours toward a Community College of the Air Force degree.

For more information, call (719) 556-7737 or DSN: 834-7737.

## Aquatics Center

The aquatics center, located in Bldg. 404, has a year-round indoor pool. The center's outdoor wading pool is also open through the summer.

The center offers military lap swimming, swim teams, swimming lessons, lifesaving courses, aqua-aerobics, physical

therapy workout sessions, canoeing courses, intramural sports and special activities.

A water slide, physical conditioning area, two eight-person therapeutic spas, a dry coed sauna and a swim lift for disabled patrons are also available. For details, call (719) 556-4608 or DSN: 834-4608.

## Base Exchange

The Base Exchange (BX) is located in Bldg. 1425. BX services include pizza and hot dog stands, beauty and barber shops, optical and watch repair shops, and the main exchange.

Main exchange hours are Mondays through Saturdays 8 a.m. to 9 p.m. and Sundays from 10 a.m. to 8 p.m. For more information, call (719) 596-7270.

## Military Clothing and Sales

The Military Clothing Sales store, located in Bldg. 1465, has military clothing items and an alterations shop. Hours of operations are Mondays through Fridays, 9:30 a.m. to 5:30 p.m. and Saturdays, 10 a.m. to 4 p.m. For more information, call (719) 556-4259 or DSN: 834-4259.

## Commissary

The Peterson AFB Commissary is located in Bldg. 1435, on Vincent Street next to the Base Exchange. The commissary is open Sundays from 9 a.m. to 5 p.m.; Mondays through Fridays from 9 a.m. to 8 p.m.; Saturdays from 8 a.m. to 6 p.m.; and the early bird special is Mondays through Fridays from 7 to 9 a.m. For more information, call (719) 556-7765 or DSN: 834-7765.

## Bowling Center

The Peterson Bowling Center is located in Bldg. 406. The bowling center offers year-round bowling leagues, snack bar operations with daily specials, youth birthday parties, bowling lessons and a complete pro-shop. Check out the state of the art lighting and weekly bowling specials. For more information, call (719) 556-4607 or DSN: 834-4607.

## Enlisted Club

The Peterson AFB Enlisted Club, located in Bldg. 725, features a 300-seat ballroom, a sports lounge and the Buffalo Grill restaurant. Enjoy the club's wide-screen TV, game room with pool tables and video games, party room, and food and beverage service.

The Buffalo Grill serves sandwiches, a luncheon buffet and is open to all ranks. The club's catering service can help plan the ideal gathering.

Club membership brings complete charging privileges at all Services facilities and, for qualifying members, universal charging privileges off-base.







Membership benefits: Check cashing privileges, coupons and weekday bar bingo.

Members who are E-1 to E-4 qualify for reduced membership rates. For more information, call (719) 556-4194 or DSN: 834-4194.

### Joint Personnel Property Shipping Office

The Joint Personnel Property Shipping Office (JPPSO) has a branch office on Peterson AFB in Bldg. 350, room 2139. The office is primarily responsible for outbound personal property arrangements and processing shipment applications for members who want to ship personal property from outside of Colorado Springs. Hours are 7:30 a.m. to 4:30 p.m., Mondays through Fridays. For more information, call (719) 556-4196 or DSN: 692-4196.

### Leisure Travel Office

The Leisure Travel Office (LTO), located in Bldg. 640 on 830 Tinker Street, can accommodate all leisure travel needs, be it airline tickets, cruise packages, hotel and car reservations or vacation packages worldwide. The LTO is open Mondays through Fridays from 8:30 a.m. to 5 p.m. For more information, call (719) 556-6447/4161/2116 or DSN: 834-6447/4161/2116.

### Library

The Peterson Base Library, located in Bldg. 1171, contains more than 32,000 volumes covering various subject areas, with an emphasis on science and technology.

College Level Examination Program study guides and videos are available. The library also offers books on tape.

The library maintains a collection of nearly 100 periodicals and six daily newspapers. Back issues of military periodicals are stored on microfilm and computers are available for word processing and research. The library also offers 13 stations for internet connectivity. For more information, call (719) 556-7462 or DSN: 834-7462.

### NCO Academy

The Peterson Noncommissioned Officer Academy (NCOA), located in Bldg. 1142, holds six-week long classes with an average of 135 students from many different military installations. Normally, seven classes are conducted at the NCOA every year. Each ends with a formal graduation banquet. For more information about the NCOA, call (719) 556-7592 or DSN: 834-7592.

### Officers' Club

The Peterson AFB Officers' Club is located in Bldg. 1013 on Stewart Avenue. Lunch is served Mondays

through Fridays, as well as a wonderful brunch each Sunday which is open to all ranks. Dinner is served Tuesdays through Saturdays with various dining specials. Take advantage of professional party planning and catering services. The club offers a casual bar, a main lounge with fireplace, several party rooms and a spacious ballroom.

Club membership is offered to all officers and DoD personnel (grades GS-7 or higher) and non-appropriated fund equivalents. For more information, call (719) 556-4181 or DSN: 834-4181.

### Service Station

A service station, located on Otis Avenue in Bldg. 1360, offers basic auto repairs and service. Hours are Mondays through Fridays from 7 a.m. to 6 p.m., Saturdays from 8 a.m. to 5 p.m., and Sundays from 10 a.m. to 4 p.m. For more information, call (719) 597-0350.

### Shoppette

The Peterson AFB Shoppette, Bldg. 1700 on Paine Street, carries beverages, food, magazines, health and beauty aids, pet supplies and more. The shoppette's package store offers non-alcoholic and alcoholic beverages and limited party supplies. The shoppette is open 24 hours a day, seven days a week. For more information, call (719) 597-5041.

### Silver Spruce Golf Course

The Silver Spruce Golf Course is located at Bldg. 1054. Breakfast and lunch are served seven days per week featuring an outstanding snack bar operation with daily specials. Take advantage of professional party planning and catering services. The golf course offers a driving range, practice green, extensive pro shop, patio for special functions and a well maintained 18-hole golf course. Golf course membership is offered to all military and all civilians that have base privileges. For more information, call (719) 556-7414 or DSN: 834-7414.

### Youth Center

The R.P. Lee Youth Center, located at Bldg. 1555, offers before and after school and full day summer camp programs for children six to 12 years old. A part-day enrichment program is offered for children three to five years old.

Pre-teen and teen programs are ongoing and include activities such as leadership clubs, special events and trips, computer lab, homework help and recreational game room. Youth Sports leagues are recreational and include baseball, indoor/outdoor soccer, basketball and flag football. Youth Sports camps are available during the summer and include archery, golf, flag football, baseball, soccer and tennis.

Volunteers for youth sports are always needed. For more information, call (719) 556-7220 or DSN: 834-7220.



# AREA ATTRACTIONS

## COLORADO SPRINGS

Combining scenic beauty, pleasant residential areas, modern, industry, attractive military installations and cultural activities to satisfy every taste, Colorado Springs is a well-rounded community. The city offers a variety of activities, both recreational and cultural.

The city is situated on a gently rolling plateau 6,035 feet above sea level, sheltered by the towering, 14,110 foot-high Pikes Peak. This locale assures cool dry summers and comfortable, mild winters, with the low humidity tempering the extremes of the respective seasons. Colorado Springs, the largest municipality in El Paso County, has a population of approximately 555,000 residents and comprises an area of nearly 200 square miles.

The city operates a public bus system, which offers special rates and services for senior citizens, the handicapped, students and others. Several airlines fly in and out of the Colorado Springs Airport. For more information, write the Colorado Springs Convention and Visitor's Bureau, 515 South Cascade Ave., Colorado Springs, CO 80903; visit the web site at [www.experiencecoloradosprings.com](http://www.experiencecoloradosprings.com) or call 1-877-PIKESPEAK (1-877-745-3773).

## OLYMPIC TRAINING CENTER

This facility, a former Air Force Base, at One Olympic Plaza, is headquarters for the U.S. Olympic Committee. There are free daily tours for the public available that operate year-round, featuring a walk down the Irwin Bely Olympic Path, into the Olympic Hall of Fame and a rooftop terrace with an Olympic torch display with a



panoramic view of Colorado Springs. For more information, call (719) 632-5551.

## FINE ARTS CENTER

Founded in 1936, the Colorado Springs Fine Arts Center, 30 West Dale Street, was the nation's first facility designed to cultivate both the visual and performing arts. It is home to the Taylor Museum, the Bernis School of Art, the Performing Arts department and a Library. The galleries feature Native American and Hispanic artifacts from the Southwest and permanent collections including works by Georgia O'Keefe, Charles Russell and John Singer Sargent. For more information, call (719) 634-5581.

## PIONEERS MUSEUM

Colorado Springs' history comes to life as the featured Native American relics and western art tell the story from the past to today. It is located at 215 S. Tejon Street in Colorado Springs. For more information, call (719) 385-5990.

## NUMISMATIC MUSEUM

The Museum of the American Numismatic Association, 818 N. Cascade Avenue, includes more than 300,000 specimens of coins, tokens, paper money, medals and related numismatic items. Admission is free. For more information, call 1-800-367-9723.







## Area Attractions



### MANITOU CLIFF DWELLINGS MUSEUM

The Cliff Dwellings Museum contains some of the finest examples of artifacts and cliff dwelling homes acquired from the Southwest. Visitors can explore the dwellings room by room. The museum is open year round, from December through February from 9 a.m. to 4 p.m.; March through April and October through November from 9 a.m. to 5 p.m.; and May through September from 9 a.m. to 6 p.m. The museum is five miles west of Colorado Springs on U.S. 24 above Manitou Springs. For more information, call (719) 685-5242 or 1-800-354-9971 or visit their website at [www.cliffdwellingsmuseum.com](http://www.cliffdwellingsmuseum.com).

### COLORADO SPRINGS FINE ARTS CENTER

The center, founded in 1936, is listed on the National Register of Historic Places and houses the Taylor Museum, which features collections of Pueblo, Navajo, Apache and other Native American art as well as Western, Hispanic and Southwestern art. The Bemis School of Art hosts classes. The Performing Arts department gives dance performances, concerts, comedy presentations, film festivals and travelogues. The Repertory Theatre Company produces four American musicals each season. The center is located at 30 W. Dale St. For more information call at 634-5581 or visit their website at [csfineartscenter.org](http://csfineartscenter.org).

Other arts centers include Pikes Peak Center, Pikes Peak Arts Council Ute Pass Cultural Center. For more information visit their websites at [www.pikespeakcenter.org](http://www.pikespeakcenter.org); [www.pikespeakartscouncil.org](http://www.pikespeakartscouncil.org) and [www.utepassculturalcenter.itgo.com](http://www.utepassculturalcenter.itgo.com).

### CHEYENNE MOUNTAIN ZOO

The Cheyenne Mountain Zoo provides an unforgettable adventure combining breathtaking mountain scenery with more than 750 animals, representing 142 species from around the world, more than 32 of which are classified as endangered including the Siberian tiger, Mexican wolf and Black-footed ferret. The zoo is located at 4250 Cheyenne Mountain Zoo Road. Admission to the zoo includes the Will Rogers Shrine of the Sun and Scenic Highway. For more information, call (719) 633-9925 or visit their website at [www.cmzoo.org](http://www.cmzoo.org).

### CAVE OF THE WINDS

Be sure to bring your camera for a fascinating guided tour through caverns formed millions of years ago. Tours range from 45 minute walking tours, to a three to four hour adventure. A light jacket, any time of the year, and comfortable walking shoes are suggested. Cave of the Winds is located just six miles west of Colorado Springs on U.S. 24 above Manitou Springs. For more information call (719) 685-5444 or visit their website at [www.caveofthewinds.com](http://www.caveofthewinds.com).

### GARDEN OF THE GODS

The towering red rock formations at the base of Pikes Peak on N. 30th Street (at Gateway Road) are one of the





emblems of Colorado Springs. Hike, bike, horseback ride or drive through the 1,367-acre park and watch for many animals including big horn sheep, deer and a variety of birds. Start your visit at the Garden of the Gods visitor center with its hands-on exhibits explaining the geology, ecology, plants and history of the area; or take time to visit Rock Ledge Ranch Historic Site, located just inside the east entrance of the park. For more information, contact the Garden of the Gods Visitor and Nature Center at (719) 634-6666. or visit their website at [www.gardenofgods.com](http://www.gardenofgods.com)

### GHOST TOWN MUSEUM

The Ghost Town Museum, located at 400 S 21st St., is a recreated frontier town that features an 1800s saloon, newspaper office, Victorian house and gold-rush days memorabilia. For more information, 634-0696 or visit their website at [ghosttownmuseum.com](http://ghosttownmuseum.com).

### PIKES PEAK COG RAILWAY

Take an unforgettable panoramic trip that leads you to the 14,110-foot summit of America's most famous peak. Modern Swiss trains operate daily from late April through early November, departing from the depot at 515 Ruxton Avenue in Manitou Springs. Round trip is three hours and 10 minutes. For more information, call (719) 685-5401 or visit their website at [www.cograilway.com](http://www.cograilway.com).

### ROYAL GORGE

On the Royal Gorge Scenic Railway, you can take a 24-mile, round trip train ride from Canon City to Parkdale and back. The two-hour train ride takes passengers through the "Grand Canyon of the Arkansas." You also can ride the white water of the Arkansas River or view the Royal Gorge Bridge, the world's highest suspension bridge, hanging 1,053 feet above rushing water. For more information, visit their website at [www.royalgorgebridge.com](http://www.royalgorgebridge.com).

### SEVEN FALLS

Seven Falls, located just 10 minutes from downtown Colorado Springs via Cheyenne Blvd. and nestled deep within Cheyenne Canyon, is Colorado's only waterfall to be listed in National Geographic's "list of International Waterfalls." The Falls are open every day of the year. From mid-May to Labor Day, the summer nights come alive with a fascinating glow of colorful lights illuminating the entire canyon. For more information, visit their website at [www.sevenfalls.com](http://www.sevenfalls.com).

### NORTH POLE, HOME OF SANTA'S WORKSHOP

Santa's Workshop/North Pole is a Christmas themed family amusement park that has been in existence since 1956. Christmas music fills the air as visitors browse through the village. At the center of the Workshop is the North Pole, an ice-covered pole that never melts. Surrounding the North Pole is a variety of gifts shops, each with their own unique selection of toys and gifts. Of course the highlight of everyone's visit is a trip to Santa's House to greet the jolly old elf himself. For more information, visit their website at [www.santas-colo.com](http://www.santas-colo.com).

### WESTERN MUSEUM OF MINING AND INDUSTRY

The Western Museum of Mining and Industry, located off Interstate 25, exit 156A east of the U.S. Air Force Academy, features resident burrows, hands-on indoor and outdoor exhibits and programs such as gold panning, mining and milling demonstrations and nature explorations. For more information, call 488-0880 or visit their website at [wmmi.org](http://wmmi.org).

### WORLD FIGURE SKATING HALL OF FAME AND MUSEUM

The World Figure Skating Hall of Fame and Museum, located at 20 1st St. off of Interstate 25, shows exhibits honoring the world's best figure skaters. There are displays featuring skating artifacts, trophies, costumes and memorabilia. For more information, contact 635-5200 or visit their website at [www.usfsa.org](http://www.usfsa.org).

### PRORODEO HALL OF FAME

Rodeo — America's original sport — is showcased at the ProRodeo Hall of Fame and Museum of the American Cowboy in Colorado Springs. The Hall, established in 1979, is located adjacent to the National headquarters of the Professional Rodeo Cowboys Association (PRCA). It's hard to miss the one and a half life size bronze of Casey Tibbs on Necktie in front of the museum. The hall is open Mondays through Sundays from 9 a.m. to 5 p.m. Winter hours run from Nov. 1 to April 1: Wednesdays through Sundays, 9 a.m. to 5 p.m. The hall is closed Mondays and Tuesdays during the winter. For more information, call (719) 528-4761 or visit their website at [www.prorodeohalloffame.com](http://www.prorodeohalloffame.com).



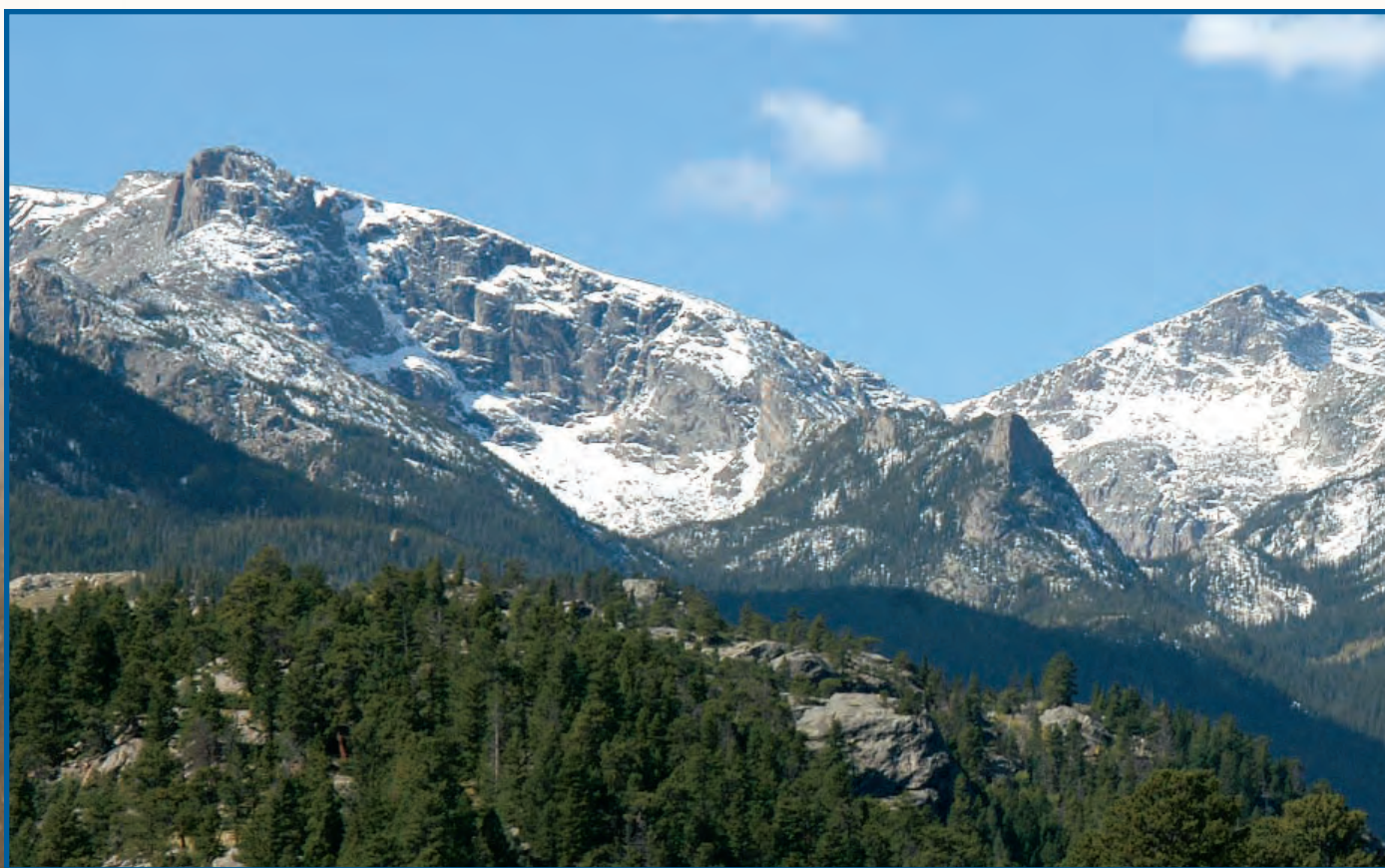


## NEARBY COMMUNITIES

There are many attractions in nearby communities that make your Schriever AFB assignment exciting and rewarding. From the professional sports offered in Denver to the colleges and universities in Pueblo and Colorado Springs, to the hiking trails and mountains in the area; there are a number of fantastic attractions in the nearby communities. The following is a list of the areas that are available for you to see upon your arrival. You will find that Colorado is a great place to explore.

### Manitou Springs

Manitou Springs, just west of Colorado Springs, takes its name from the many mineral springs in the area. The area once was marked off as a sanctuary by the local Indian tribes who attributed supernatural powers to the springs' waters. Today, Manitou Springs thrives as a tourist trade abounds in the downtown area. Besides being home to several world-class restaurants, as well as many favorite neighborhood eateries, Manitou Springs has a wide selection of quality accommodations including historic hotels, Victorian bed



*Rocky Mountains*





and breakfasts, cozy boutique motels, quality motor inns, cabins and secluded campgrounds.

There are more than a dozen galleries and studios downtown, many run by the artists themselves. In addition to the galleries, the downtown area is packed with dozens of specialty shops, gift shops, clothing boutiques and antique stores. Everyone is sure to find the "one of a kind" item that will always remind them of a memorable adventure in Manitou Springs.

### Fountain

Fountain, founded in 1859 and incorporated in 1903, is the oldest community in the Pikes Peak region and is home

to a variety of lifestyles. Large cattle and horse ranches as well as undeveloped land, border the city limits. Fort Carson is west of Fountain. To the north and east are the communities of Security, Widefield, Stratmoor Hills and Stratmoor Valley.

### Security and Widefield

Security and Widefield primarily serve as bedroom communities for Colorado Springs and Fort Carson, which is directly to the west. Once separate and distinct areas, these two communities have grown together and are often referred to jointly as Security-Widefield. Several elementary, junior and senior high schools serve the area.





## Nearby Communities

### Monument

North of Colorado Springs on Interstate 25 is the community of Monument. It seemingly wraps itself over and around the high rolling foothills. Monument is slightly higher in elevation than Colorado Springs and has more snowfall.

### Woodland Park

Woodland Park is one of four Ute Pass communities —the others are Green Mountain Falls, Cascade and Chipita Park. Woodland Park is 25 miles west of Colorado Springs on U.S. 24 in Teller County. Year-round residents commute daily to Colorado Springs on a wide, well-paved, road which twists though the scenic Rockies. This area is rapidly becoming a popular mountain resort.

### Denver

Denver, the state capital, is about an hour's drive north of Colorado Springs on Interstate 25. It offers music, art, education, sports, outdoor recreation and entertainment. Performing arts, exhibitions and conventions are held in the Denver Performing Arts Complex and the Denver Convention Complex, consisting of the Colorado Convention Center and Curragan Exhibition Hall. Denver supports professional hockey, basketball, football, baseball and soccer teams. INVESCO Field at Mile High is the home of the Denver Broncos and the Colorado Rapids. The Colorado Avalanche and Denver Nuggets make their home in the Pepsi Center and the Colorado Rockies play their home games at Coors Field. The Denver Art Museum, Denver Museum of Nature and Science, Denver Botanic Gardens, Denver Zoo, Colorado State Capital Building, U.S. Mint, Children's Museum of Denver, Six Flags Elitch Gardens Theme Park and Red Rocks Amphitheater are other attractions. For more information, visit the website at [www.denver.org](http://www.denver.org).

### Pueblo

Pueblo is 40 miles south of Colorado Springs on Interstate 25 and offers a variety of cultural events, including the Pueblo Symphony, the Children's Playhouse Series, the Broadway Theatre League and the Sangre De Cristo Ballet Theatre. For more than 100 years, Pueblo has been the home of the Colorado State Fair. The event attracts more than a million visitors each year. Top national entertainers, a rodeo and a military appreciation day are highlights. Pueblo also is home to the University of Southern Colorado, a four-year state university.

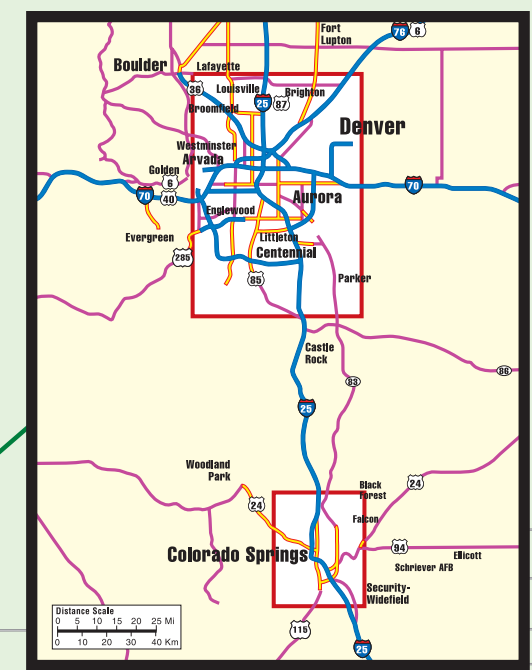
### Castle Rock

Castle Rock, located midway between Denver and Colorado Springs, is home to an estimated 38,500 people and has

a small town atmosphere, low crime rate, abundant parks and open space, historic downtown shopping district and clean air. Castle Rock occupies 33 square miles, is the home to the Outlets at Castle Rock and is the seat of Douglas County. The town lies at an elevation of 6,202 feet, in the Plum Creek Valley along Interstate 25 at the base of the Rocky Mountains. Castle Rock offers a charming historic downtown, along with great amenities and excellent housing.



Airman 1st Class Michael Zdenek (second from right), 50th Civil Engineer Squadron, prepares to hand a folded American flag to 1st Lt. Bruce Wang, 1st Space Operations Squadron, who is officer in charge of a funeral detail.



31ST ST.....	F1	CASCADE AVE.....	F2	FLINTBRIDGE DR.....	E3-D3	D JOHNSON RD.....	D7-E7	NORAD RD.....	G2	S ELLICOTT.....	E7-H7
30TH ST.....	F1-E2	CENTENNIAL BLVD.....	D2-E2	FLYING WOOD.....	E7-F7	JAMBOREE DR.....	D8-E8	NORTH GATE BLVD.....	B2-B3-C3	SALADAY RD.....	D8-E8
31ST ST.....	E1-E2	CHARTER OAKS RANCH RD.....	G3-H3	FONTAINE BLVD.....	G4	JET WING DR.....	F3	O'CONNELL BLVD.....	G2-G3	SAGE CREST RD.....	D5-D8
3RD.....	F1	CHELTON RD.....	F3-E3	FONTANERO ST.....	E2	JONES RD.....	E5	OLD DENVER RD.....	B2	SANBORN RD.....	F7-F8
8TH ST.....	F2	CHEYENNE BLVD.....	F2	FONTMORE RD.....	E2	JUDGE ORR RD.....	D5	OLD PUEBLO RD.....	H4	SHOUP RD.....	C4
ACADEMY BLVD.....	D2-D3-F3	CHEYENNE MEADOWS RD.....	F2-F3	FOUNTAIN BLVD.....	F2-F3	KANE RD.....	H3	OLD RANCH RD.....	C2-C3	SOUTH GATE BLVD.....	C2-D2
ACADEMY DR.....	C1-C2	CHEYENNE MTN BLVD.....	F2	FOUNTAIN MESA RD.....	G4	LAKE AVE.....	F2	OLD STAGE RD.....	F1-F1	SPECKER AVE.....	G2-G3
2ND ST.....	F2	FRANCE BLVD.....	F2-G2	FRANCEVILLE COAL MINE RD.....	F2	LAKEVIEW DR.....	C3-D3	PAULER DIVIDE RD.....	A1-A3	SARGREL CREEK RD.....	G2-G3
ALLEGHAIA DR.....	D2	CHEYENNE RD.....	F2	FURROW RD.....	E2	LINK RD.....	F1	PALMER PAL BLVD.....	C1	SHADY PARK.....	C2
AUSTIN BLUFFS PKWY.....	D2-C3	CIMARRON ST.....	E2-F2	GALLEY RD.....	E3	LOWER GOLD CAMP RD.....	F1-F2	PARADE LOOP DR.....	C1-C2	STAR RANCH RD.....	G2-F2
AYER RD.....	C4	CIRCLE DR.....	E2	GARDEN DR.....	F1	MAGRATH AVE.....	G3	PEACEFUL VALLEY RD.....	G4-G5	SUNBURST DR.....	A1
B ST.....	F2-F3	COLORADO AVE.....	E1-E2	GARDEN OF THE GODS RD.....	D1-D2	MAIZELAND RD.....	E3	PERRY PARK RD.....	A1	SYRACUSE ST.....	G3-G4
BAPTIST RD.....	B2	COLORADO CENTRE BLVD.....	G5	GARRETT RD.....	D5	MARKSHEFFEL RD.....	E4-G4	PETERSON BLVD.....	E4	TAMLIN RD.....	D4-D5
BARNES RD.....	D3-D4	COMMUNITY CENTER DR.....	C2	GATEWAY DR.....	E1-E2	MCURRINE RD.....	B5	PIYOT HWY.....	D6-H6	TEJON ST.....	E2
BARY RD.....	A4	CONSTITUTION AVE.....	E2	GLENEAGLE DR.....	B2	MERIDIAN RD.....	A5-G5	PEKES PEAK AVE.....	E2-E3	TEMPLETON GAP RD.....	D3-D4
BAY RD.....	F7-F8	CALVIN LN.....	D2	GOLDEN CAMP RD.....	F1	PINE DR.....	C1	PINEVIEW RD.....	C1	UNION BLVD.....	E2
BEACON LITE RD.....	E2	CURTIS RD.....	D5-F5	GOLDFIELD DR.....	G3-G4	MILO JONES RD.....	D8	PLATTE AVE.....	E2-E3	UNION BLVD.....	E3-E2
BIG SPRINGS.....	A8	DAVIS RD.....	E5	GOODSON DR.....	C5	MIDLAND EXPWY.....	E1-F2	POND TER.....	H3	UNITAH ST.....	E2
BLUOJ ST.....	E2	DEL MONICO DR.....	D2	GREEN MOUNTAIN DR.....	B1-B2	MILAM RD.....	C3	POWERS BLVD.....	C3-G3/G4	US 25 BYPASS.....	F2-F3
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BLANEY RD.....	E5	DOUGLASS DR.....	C1	HANCOCK AVE.....	F2-E2	MITCHELL AVE.....	B1	RANCHWOOD DR.....	D3	VICKERS DR.....	D2
BLISS RD.....	F5	DRENNAN RD.....	F3-F4	HANCOCK EXPY.....	F3	MONTEBELLO DR.....	E3-D3	REAR.....	H4	VINDICATOR DR.....	D2
BOOK DR.....	F5-F6	DUNN BLVD.....	E1	HANDY BLVD.....	F3	MT BISHOP RD.....	C2	VOLEMAN RD.....	D3-D4	VOLEMAN RD.....	D2
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BRIARGATE BLVD.....	C2-C3/D2-D3	EASTONVILLE RD.....	B5-D5	HERRING RD.....	C4	N BAGGETT RD.....	D8-E8	ROCKRIMMON BLVD.....	D2	WAHSTCH AVE.....	F2-F2
BROADMOOR BLUFFS DR.....	G2-G3	EL PASO BLVD.....	E1	HIGBY RD.....	B2	N CARFREFF CIR.....	E3-E4	ROLLERCOASTER RD.....	B2-A3	WALKER RD.....	A3-A4
BROADMOOR VALLEY RD.....	F2	ENOCH RD.....	F5-F7	HIGH DR.....	F1	N ELLICOTT RD.....	D7-E7	S ACADEMY BLVD.....	G2-G3	WICKERSHAM BLVD.....	G2-G3
BURGESS RD.....	C4	EVANS DR.....	F5	HODGEN DR.....	B3-B5	N LOG RD.....	D7-E7	S BAGGETT RD.....	E8-F8	WILSON RD.....	H3
BUTTS RD.....	H3-G3	FALCON HWY.....	D5	HOLMES RD.....	C3	N MONTANA LAKE RD.....	A1	S BLUMEN RD.....	E1	WOODMEN DR.....	D2-D5
C S RD.....	F2	FIELD HOUSE DR.....	E1	HOOFNAT RD.....	E2	NELSON BLVD.....	G2-G3	S CARFREFF CIR.....	E3	WOODMOOR DR.....	A
CAROLYN ANNE LN.....	E7	FILLMORE ST.....	E2	INTERIOR DR.....	C1-C2	NEVADA AVE.....	E3	S CIRCLE DR.....	E3		





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W 64TH AV	.....C1
W 70TH AV	.....C2
W 72ND AV	.....C1
W 80TH AV	.....C1
W 86TH PKWY	.....C1
W 88TH AV	.....C2
W 96TH AV	.....C1
W 100TH AV	.....B1
W 104TH AV	.....B2
W BELLEVUE AV	.....F1
WADSWORTH BLVD	.....A2-G2
WARD RD	.....D1
YORK ST	.....C3
YOSEMITE ST	.....B4-E4-G4

# DENVER AREA MAP

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MARCOA Publishing, Inc.  
P.O. Box 59140  
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